APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Role of Ion Concentration of Calcium in Pine-Grain Respiration During Dormification, by A. T. Lyublkov.

RUSSIAN, per, Fiziol Rastit i Prik Fotog i Fitoenerg, Vol VII, No 2, 1969, pp 145-148.

Bib Ref: 5648.4 1043 (20 refs)
(Abstract)

Sci - Physics
Oct 73

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

[redacted]

Physical Ripening in the Mixture of AgCl and AgBr Emulsions, by M. M. Pershentsev.

[redacted], Zhur. Nauch i Prik. Fotog. i Kinematog, Moskva, Vol. VII, No 2, 1962, pp 140-146.

ML Ref: 5820.4 1963 (10 356)
(Acnu)

Sol - Physical
Oct 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Second Scientific-Technical Conference on Electrography, by A. B. Dravin, 7 pp.

RUSSIAN, Zhur Nauch i Prik Fotograf i Kinematograf, Vol XVII, No 2, 1962, pp 157-160.

CIA/FDD XX-1300
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

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Nov 62

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216,252

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

A Diffusion Method of Hardening Emulsion Layers, by S. M. Levi, Yu. B. Vilenskii, 14 pp.

RUSSIAN, per. Zhur Nauch Prikl Fot Kinemat, Vol VIII, No 5, 1962, pp 161-68.

CIA/FDD XX-1366
No Foreign Dissem

Sci - Physics
May 63
USIB Internal Use Only

229 121

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Effect of Plastic Deformation on the Spectral Absorption of Silver Impurity Centers in a Fine-Grain Silver Chloride Emulsion, by E. A. Kirillov, A. B. Gol'denberg, 7 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotogr i Kinematogr, Vol VIII, No 3, 1963, pp 176-181.

CIA/FDD XX-1368
No Foreign Dissem

130,749

Sci - Physics
May 63
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Study of the Temperature Dependence of Photographic Development, IX. The Activation Energy of the Development of Inherent Defects in Silver Halide Crystals in Photographic Layers, by V. I. Shcherbatov, A. S. Kheinman, 8 pp.

RUSSIAN, per. Zhur Nauch Prik Fot. Kine, Vol VII, No 3, 1962, pp 182-86.

CIA/FDD XX-1379
NO FOREIGN DISSEM

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Jul 63
USID Internal Use Only

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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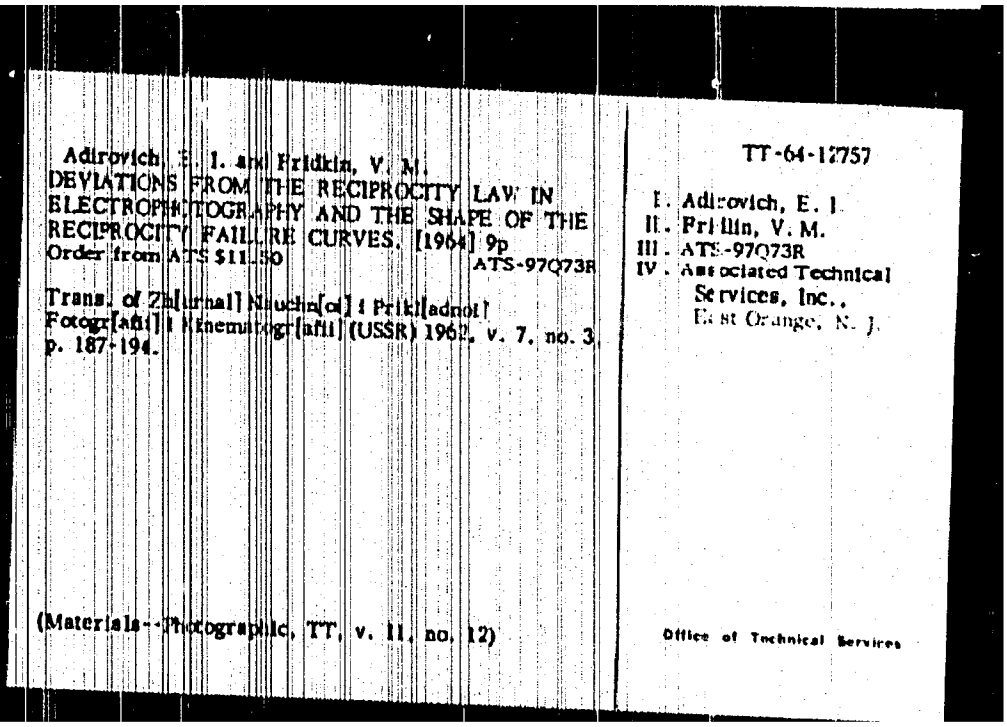

Adirovich, E. I. and Fridkin, V. M.
DEVIATIONS FROM THE RECIPROCITY LAW IN ELECTROPHOTOGRAPHY AND THE SHAPE OF THE RECIPROCITY FAILURE CURVES. [1964] 9p
Order from ATS $11.50 ATS-97Q73R

Trans. of Zh[urnal] Nauchn[oi] i Prik[ladnoi] Fotogr[afii] i Kinematogr[afii] (USSR) 1962, v. 7, no. 3, p. 187-194.

(Materials--Photographic, TT, v. 11, no. 12)

TT-64-12757

I. Adirovich, E. I.
II. Fridkin, V. M.
III. ATS-97Q73R
IV. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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Levi, S. M., Tsvetkov, G. M., Khazan, S. M., and Pelakhov, V. I.
NEW METHODS OF COATING EMULSION AND AUXILIARY LAYERS ON FLEXIBLE BASES. [1964]
[27p] 17refs
Order from OTS, SLA, or ETC $2.60 TT-64-14779

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR) 1962, v. 7, no. 3, p. 209-18.
Another transl. is available on loan from SLA as TT-63-[illegible], 21p.

(Materials--Photographic, TT, v. 11, no. 11)

TT-64-14779

I. Levi, S. M.
II. Tsvetkov, G. M.
III. Khazan, S. M.
IV. Pelakhov, V. I.

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Measurement of Signal-Noise Ration in Photography, by I. I. Broido, G. A. [redacted] Gurevich, 6 pp.

RUSSIAN, per, Zhur Nauch Prikland Fot i Kinemat., XIII, VIII, No 3, 1968, pp 221-225.

[redacted]
CIA/PDD XX-1367
[redacted] Foreign Dissem

Sci - Physics
May 65
USIB Internal Use Only

329,122

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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Grenishin, S. G. and Cherkasov, Yu. A.
THE CURRENT STATUS OF ELECTROPHOTOGRAPHY.
[1963] 10p.
Order from: ATS $2.85 ATS-28Q68R

Trans. of Zh[urnal] Nauchn[oi] i Prikl[adnoi]
Fotografii i Kinematografii (USSR) 1962, v. 7,
no. 3, p. 229-239.

DESCRIPTORS: *Electrophotography.

(Materials--Photographic, TT, v. 10, no. 1)

63-17121

I. Grenishin, S. G.
II. Cherkasov, Yu. A.
III. ATS-28Q68R
IV. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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A New Method of Determining the Sharpness of a Photographic Image, by I. B. Blyumberg, T. M. Zyazina, 5 pp.

RUSSIAN, per. Zh. Nauch i Prik Foto i Kine, Vol VI No 4, 1962, pp 268-271.

CLASSIFICATION
NO FOREIGN DISSEM

Sci -
Jul 63
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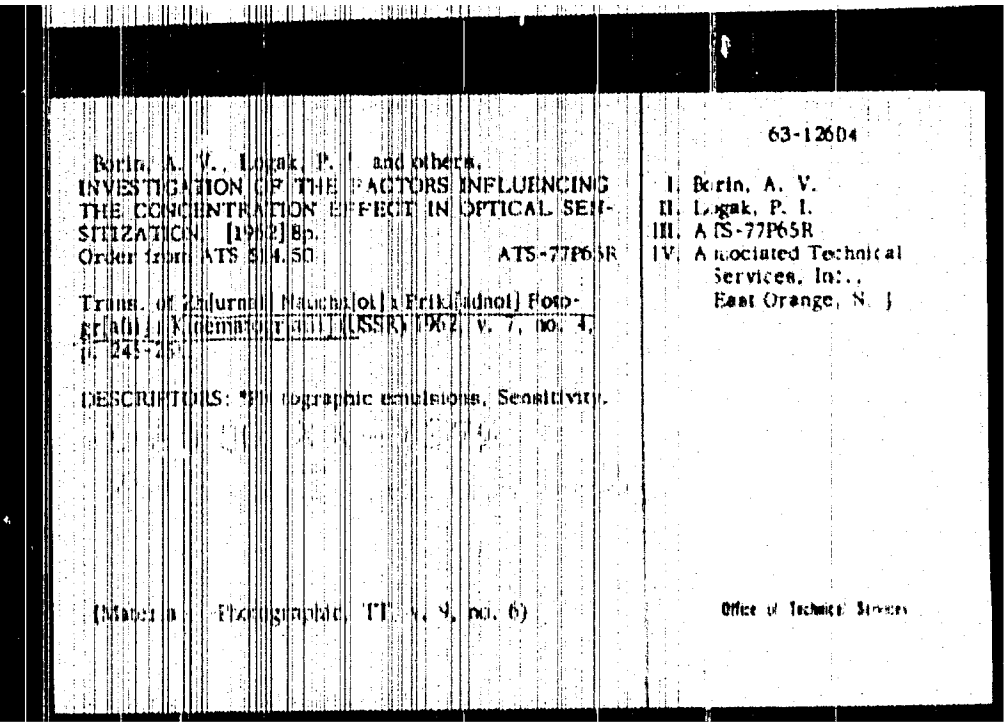

Borin, A. V., Logak, P. I. and others.
INVESTIGATION OF THE FACTORS INFLUENCING THE CONCENTRATION EFFECT IN OPTICAL SENSITIZATION. [1962] 8p.
Order from: ATS $4.50 ATS-77P65R

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR) 1962, v. 7, no. 4, p. 245-249.

DESCRIPTORS: *Photographic emulsions, Sensitivity.

(Mikrofilm - Photographic Tr. v. 4, no. 6)

63-12604

I. Borin, A. V.
II. Logak, P. I.
III. ATS-77P65R
IV. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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Nesterovskaya, E. A. and Nechaeva, T. A.
THE PROBLEM OF THE ABSORPTION SPECTRUM OF PHOTOCHEMICALLY COLORED SILVER HALIDE WITH REFERENCE TO NATURE OF THE CENTERS FORMED IN IT. [1962] 6p.
Order from ATS $9.50 ATS-79P65R

Trans. of Zh[urnal] Nauchn[oi] i Prikl[adnoi] Fotogr-[afii] i Kinematogr[afii] (USSR) 1962, v. 7, no. 4, p. 252-256.

DESCRIPTORS: Silver compounds, Halides, Color centers, Photochemistry, Absorption spectrum, *Photographic chemicals.

(Materials--Photographic, TT, v. 9, no. 6)

63-17635

I. Nesterovskaya, E. A.
II. Nechaeva, T. A.
III. ATS-79P65R
IV. Associated Technical Services, Inc., East Orange, N. J.

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The Dependence of the Results of Development on the Properties of the Emulsion Layer, by N. N. Shishkina, 7 p.

RUSSIAN, per, Zhur Nauch Prik Fot Kinemat, Vol VII, No 4, 1962, pp 257-261.

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NO FOREIGN DISSEM

Sc. - Chem
Mar 64
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252,248

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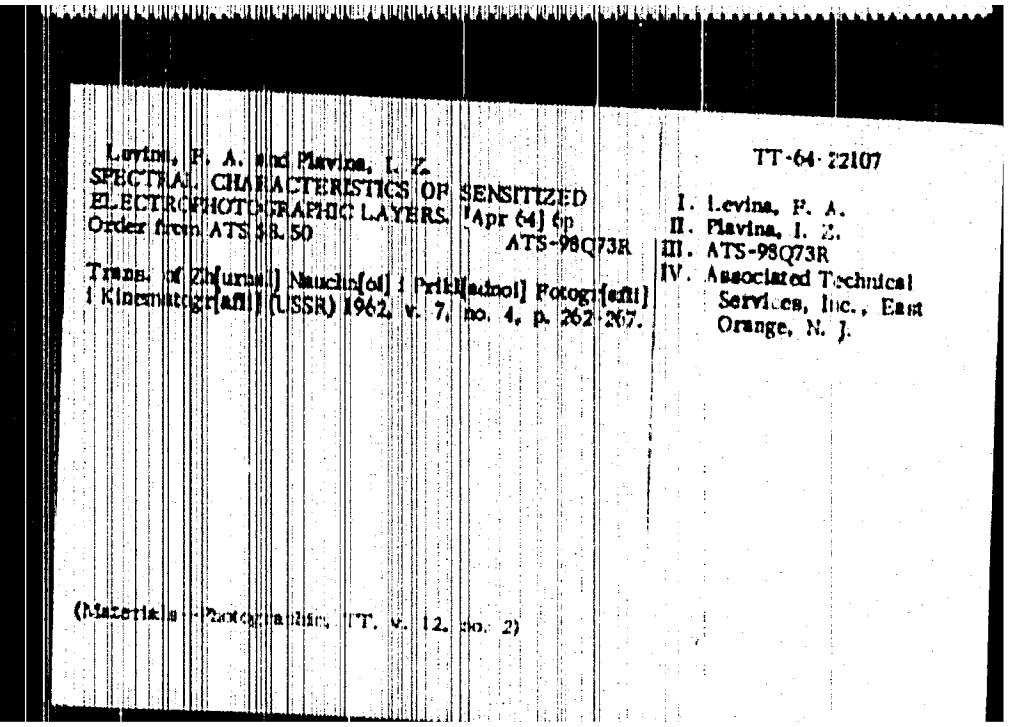

Levina, F. A. and Plavina, I. Z.
SPECTRAL CHARACTERISTICS OF SENSITIZED ELECTROPHOTOGRAPHIC LAYERS. [Apr 64] 6p
Order from ATS $2.50 ATS-98Q73R

Trans. of Zh[urnal] Nauch[ni] i Prikl[adnoi] Fotogr[afii] i Kinematogr[afii] (USSR) 1962, v. 7, no. 4, p. 262-267.

(Materials - Photographic film, TT, v. 12, no. 2)

TT-64-22107

I. Levina, F. A.
II. Plavina, I. Z.
III. ATS-98Q73R
IV. Associated Technical Services, Inc., East Orange, N. J.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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A New Method of Determining the Sharpness of a Photographic Image, by I. B. Blyakhman, Z. M. Zyuzina, 5 pp.

RUSSIAN, per, Zh Nauch i Prik Foto i Kino, Vol VII, No 4, 1962, pp 268-271.

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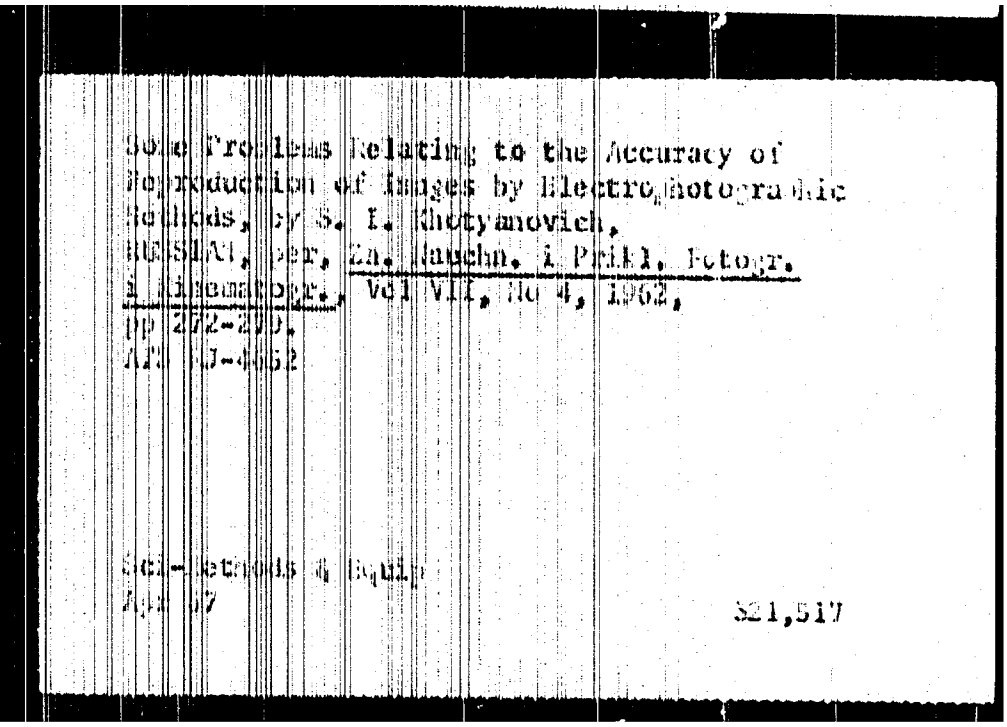

Some Problems Relating to the Accuracy of Reproduction of Images by Electrophotographic Methods, by S. I. Khotyamovich,
RUSSIAN, per. Za. Nauchn. i Prikl. Fotogr. i Kinematogr., Vol VII, No 4, 1962,
pp 272-279,
AT3 0J-4652

Sci-Methods & Equip
Apr 67

S21,517

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Study of the Physical Definition of a Photographic Image. I. Method for Obtaining Boundary Curves and Their Evaluation, by Yu. K. Vidanskii, Yu. N. Gorokhovskii, 11 pp.

[illegible], per, Zhur Nauch Prik Fot [illegible], Vol VII, No 4, 1962, pp 290-296.

CIA/FDD XR-1439
No Foreign Dissem

Sci -
Oct 63
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Fatigue in Electrophotographic Layers, by
L. ... Mylnikov,
[illegible], per., Zh. Nauchn. i Prikl. Fotogr.
i Kinematogr., Vol VII, No 4, 1962, pp 297-298.
AFS 07-4047

Sci-Technical & Equip
Apr 62

321,515

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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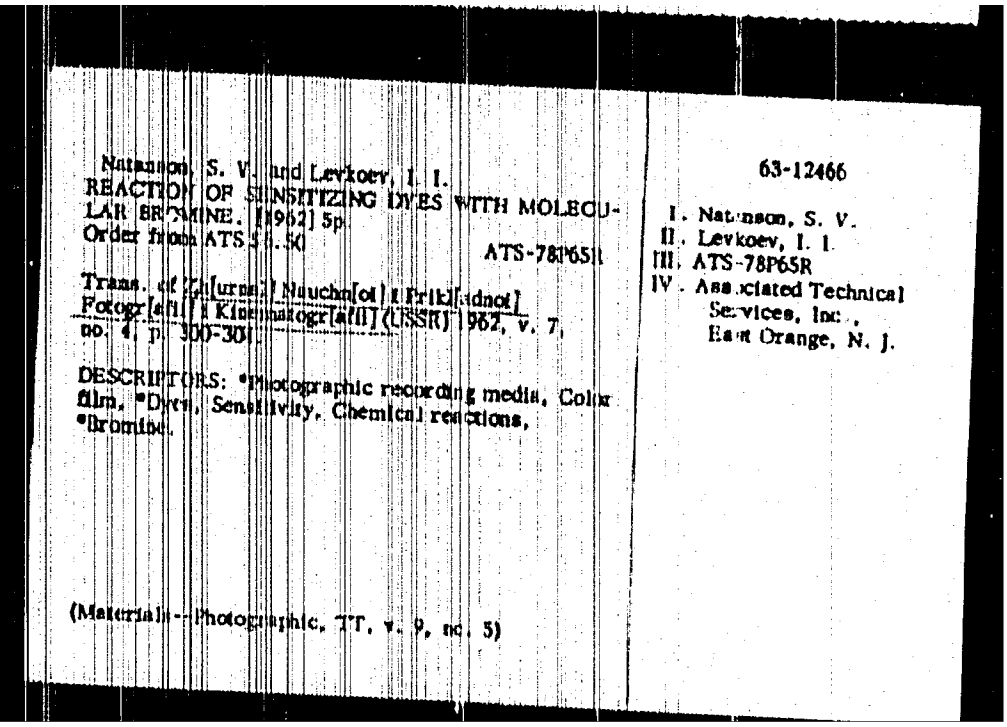

Natanson, S. V. and Levkoev, I. I.
REACTION OF SENSITIZING DYES WITH MOLECULAR BROMINE. [1962] 5p
Order from ATS [illegible] ATS-78P65R

Trans. of Zh[urnal] Nauchn[oi] i Prikl[adnoi] Fotogr[afii] i Kinematogr[afii] (USSR) 1962, v. 7, no. 4, p. 300-301.

DESCRIPTORS: *Photographic recording media, Color film, *Dyes, Sensitivity, Chemical reactions, *Bromine.

(Materials--Photographic, TT, v. 9, no. 5)

63-12466

I. Natanson, S. V.
II. Levkoev, I. I.
III. ATS-78P65R
IV. Associated Technical Services, Inc., East Orange, N. J.

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The Possible Shape of the Reciprocity Failure Curve for the Electrophotographic Process on ZnO Layers, by V. M. Fridkin, RUSSIAN, per, Zh. Nauchn. i Prikl. Fotogr. i Kinematogr., Vol VII, No 4, 1962, pp 304-306, ATS 63-4-45

Sci-Photo Eq 4 Equipment
Apr 67

321,514

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Reports on Latent Photographic Image and Optical Sensitization Presented at the International Colloquium on Scientific Photography in Zurich, by P. V. Meiklyar, 7 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotografii i Kinematografii, Vol VII, No 4, 1962, pp 311-315.

CIA FDD-XX-1334
NO FOREIGN DISSEM

Sci - Phys
6 Mar 1963
USIB INTERNAL USE ONLY 223,990

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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The Size of AgBr Grains as a Function of the Concentration of the Starting Solutions, by K. S. Lyalikov, N. M. Voronkova, 10 pp.

RUSSIAN, per, Zh Nauch i Prik Foto i Kine, Vol VII, No 5, 1962, pp 333-340.

CIA/FDD XX-1381
NO FOREIGN DISSEM

Sci
Jul 63
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286,046

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Investigations of the Processes of Aging and Stabilization of Photographic Layers IV., by V. I. Shcherbatov, 11 pp.

RUSSIAN, per. Zhur Nauch Prik Foto Kine, Vol VII, No 5, 1962, pp 341-47.

CIA/FDD XX1583
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

236,045

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Study of the Increasing of the General and Spectral Sensitivity of Photographic Layers Under the Action of Light and Heat, by Zh L. Broun, 7 pp.

RUSSIAN, per Zhur Nauch i Prik Foto Kino, Vol VII, No 5, 1962, pp 354-58

CIA/FDD XX-1378
NO FOREIGN DISSEM

Sci -
Jul 63
USIB Internal Use Only

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Some Problems in Computing the Photometric Frequency-Response Characteristics of an Aerial Landscape, by A. N. Vishnyakov, 21 pp.

RUSSIAN, per. Zhur Nauch Prik Foto Kino, Vol VII, No 5, 1962, pp 359-368.

CIA/FDD XX-1383
NO FOREIGN DISSEM

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Jul 63
USIB Internal Use Only

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Vifanskii, Yu. K. and Gorokhovskii, Yu. N.
EFFECT OF CONDITIONS OF THE BLACK-AND-WHITE PHOTOGRAPHIC PROCESS ON PHYSICAL SHARPNESS. Pt. 2 of Investigation of the Physical Sharpness of the Photographic Image. [1963] 11p.
Order from ATS 11.3.25 ATS-65Q68R

Trans. of Zh[urnal] Nauchn[oi] i Prik[ladnoi] Fotogr[afii] i Kinematografii (USSR) 1962, v. 7, no. 5, p. 369-379

DESCRIPTORS: *Photographic images, *Photographic processing, Photography.

(Materials--Photographic, TT, v. 10, no. 5)

63-17374

I. Vifanskii, Yu. K.
II. Gorokhovskii, Yu. N.
III. Title: Investigation...
IV. ATS-65Q68R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

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The Effect of Stirring on the Properties of Highly Dispersed Photographic Emulsions, by V. V. Vasil'ev, 3 pp.

RUSSIAN, per. Zh Nauch i Prik Foto i Kine, Vol VII, No 5, 1962, pp 381-383.

CIA/FDD XX-1584
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Jul 63
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Physical Development on Gold Nuclei, by Ye. M. Veprik, 3 pp.

RUSSIAN, per, Zh. Nauchn i Prikl Fotogr i Kinematogr, Vol VII, No 5, 1962, pp 384-385.

CIA/FDD XX-1385
NO FOREIGN DISSEM

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Jul 63
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Some Special Features of Photographic Emulsion Luminescence, by V. M. Belous, 4 pp.

RUSSIAN, per, Zhur Nauchn i Prik Fotogr i Kine, Vol VII, No 5, 1962, pp 386-388.

CIA/FDD XX-1441
No Foreign Dissem

Sci -- Physics
Oct 63
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Influence of Structural Factors on the Stabilizing Activity of Purines, by Ya. A. Levin, V. A. Kukhtin, 4 pp.

RUSSIAN, per, Zhur Nauch Prik Foto Kine, Vol VII, No 5, 1962, pp 388-89.

CIA/FDD XX-1386
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Jul 63
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Graphic-Analytical Method of Determining the Parameters of the Contrast Function of Photographic Materials, by G. G. Grishakin, 4 pp.

RUSSIAN, per. Zh Nauch Prik Foto Kino, Vol VII, No 5, 1962, pp 390-91.

CIA/FDD XX-1387
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Jul 63
USIB Internal Use Only

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

On the Dependence of Photometric Equivalent on the Blackening Density of the Photographic Layer, by O. V. Pyasetskaya, K. V. Vendrovskiy, 5 pp.

RUSSIAN, per, Zh Nauch Prik Foto Kino, Vol VII, No 5, 1962, pp 392-93.

CIA/FDD XX-1388
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[redacted]

The Problem of Maximum Light Sensitivity and the Nonsilver Halide Photographic Processes, by V. I. Shcherstov, 26 pp.

[redacted], per, Chur Nauch Prikl Foto Kinemat, Vol VII, No 5, 1962, pp 394-402.

CIA/FDD XX-1463
No Foreign Dissem
AFS-15971K (12pp)

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Sci - Physics
Oct 63

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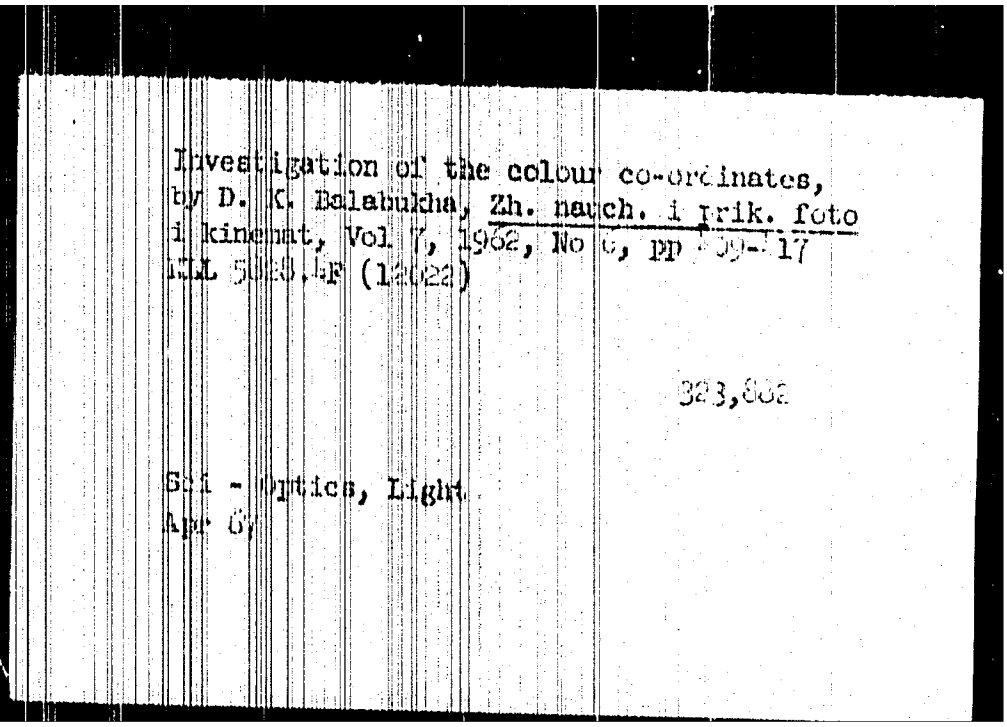

Investigation of the colour co-ordinates,
by D. K. Balabudha, Zh. nauch. i prik. foto
i kinemat, Vol 7, 1962, No 6, pp 409-417
TTL 5080,4F (12022)

323,868

G21 - Optics, Light
Apr 63

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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Investigation of the Sensitivity of the Films Roentgen-X and Roentgen-XX Toward Elections, by K. K. Aglintsev, V. V. Smirnov, 6 pp.

RUSSIAN, per. Zh Nauch Prik Foto Kine, Vol VII, No 6, 1962, pp 444-46.

CIA/FDD XX-1389
NO FOREIGN DISSEM

Sci -
Jul 63
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New Method of Logarithmic Conversion in Direct-Reading Densitometers, by Yu. P. Sellvanov, E. S. Kurmenko, 12 pp.

RUSSIAN, per, Zhur Nauch Prikl Foto Kinemat, Vol VII, No 6, 1962, pp 447-453.

CIA/FDD XX-1446
No Foreign Dissem
FTS TT-63-20528

Sci - Engr
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Detection of Dyes With the Aid of a Photographic Layer, by N. M. Zyuskin, 3 pp.

RUSSIAN, per, Zh Nauch Prik Foto Kine, Vol VII, No 6, 1962, pp 460-61.

CIA/FDD XX-1393
NO FOREIGN DISSEM

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Jul 63
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Formation of Blue Dyes in Color Films Containing Alkylhydroquinones, by V. A. Bogolyubskii, M.M. V. Grechko, 3 pp.

RUSSIAN, per. Zh Nauch i Prik Fotog i Kine, Vol VII, No 6, 1962, pp 461-462.

CIA/FDD XX-1390
NO FOREIGN DISSEM

Sel -
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

The Nature of the Induction Period in the Development Process, by V. A. Veldenbakh, 3 pp.

RUSSIAN per, Zh Nauch Prik Foto Kine, Vol VII, No 6, 1962, pp 463-464.

CIA/FDD XX-1391
NO FOREIGN DISSEM

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Jul 62 63
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

The Problem of Gold Sensitization of a Lippmanov Emulsion, by L. P. Mel'nichuj, Zh. L. Broun, 3 pp.

RUSSIAN, per. Zh Nauchn i Prikl Foto i Kino, Vol VII, No 6, 1962, pp 465-467.

CIA/FDD XX-1392
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Sci -
Jul 65
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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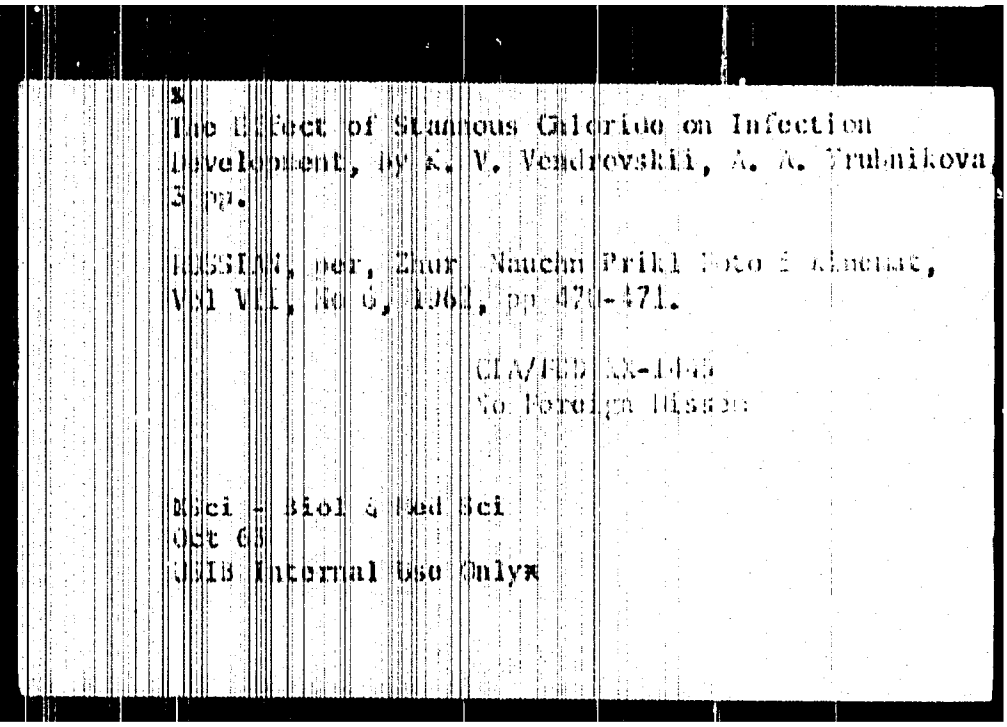

The Effect of Stannous Chloride on Infection Development, by K. V. Vendrovskii, A. A. Trubnikova, 3 pp.

[illegible], per, Zhur Nauchn Prikl Foto i Kinema, Vol VII, No 6, 1962, pp 470-471.

CIA/FSD AA-1643
No Foreign Distr

Sci - Biol & Med Sci
Oct 63
DDC Internal Use Only

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Discussion of Light-Sensitivity Criterion for Photographic Materials of General Use, by Yu. N. Gorokhovskiy, N. S. Orechkin, 7 pp.

RUSSIAN, per, Zhur Nauchn Prik Foto Kino, Vol VII, No 6, 1962, pp 472-474.

CIA/FDD XX-1444
No Foreign Dissem

Sci - Physics
Oct 63
USIS Internal Use Only

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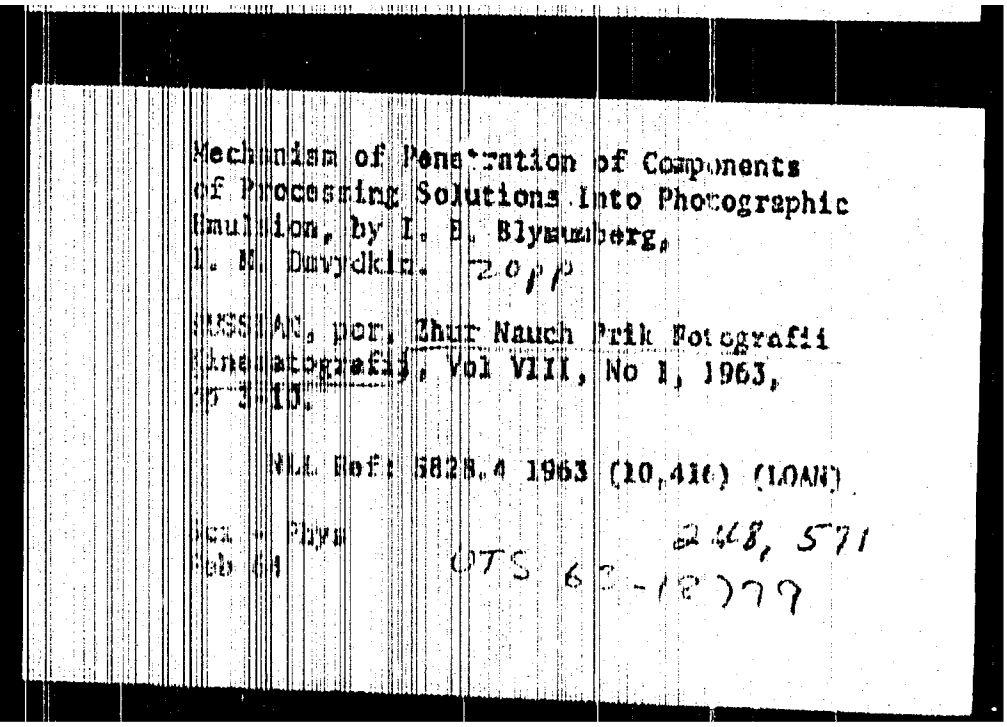

Mechanism of Penetration of Components of Processing Solutions Into Photographic Emulsion, by I. B. Blyumberg, L. M. Dmytkin. 20pp

USSR/AN, per, Zhur Nauch Prik Fotografii Kinematografii, Vol VIII, No 1, 1963, pp 3-10.

VLL Ref: 6828.4 1963 (10,416) (LOAN)

Phys. Phys.

Feb 64

248, 571

OTS 62-18079

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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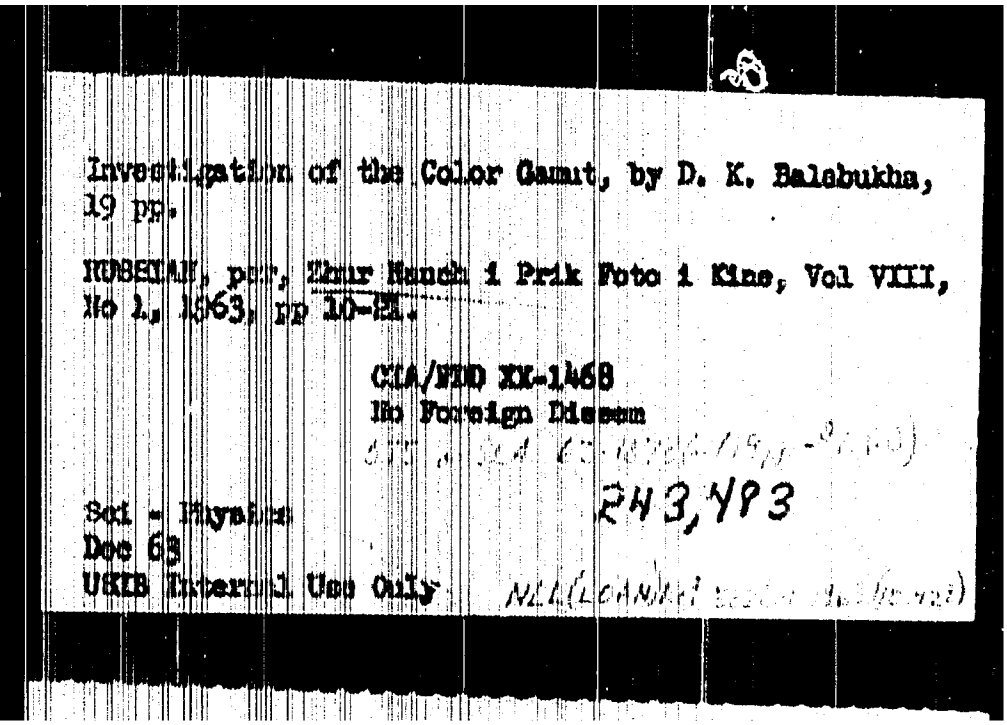

Investigation of the Color Gamut, by D. K. Balabukha, 19 pp.

KUBELKA, P., Zhur Nauch i Prik Foto i Kine, Vol VIII, No 2, 1963, pp 10-21.

CIA/FTD XX-1468
No Foreign Dissem

243,493

Sci - Physics
Doc 68
UKIB Internal Use Only

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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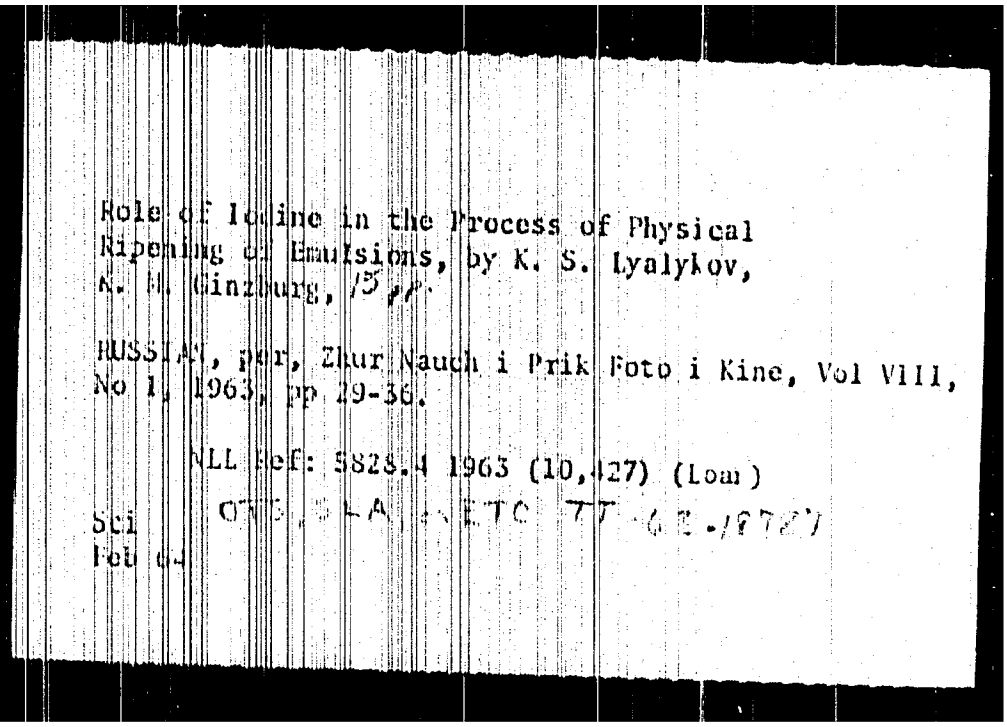

Role of Iodine in the Process of Physical Ripening of Emulsions, by K. S. Lyalykov, A. M. Glinzburg, 15 pp.

RUSSIAN, Per, Zhur Nauch i Prik Foto i Kine, Vol VIII, No 1, 1963, pp 29-36.

NLL Ref: 5828.4 1963 (10,427) (Lom)

Sci [illegible]
Pol [illegible]

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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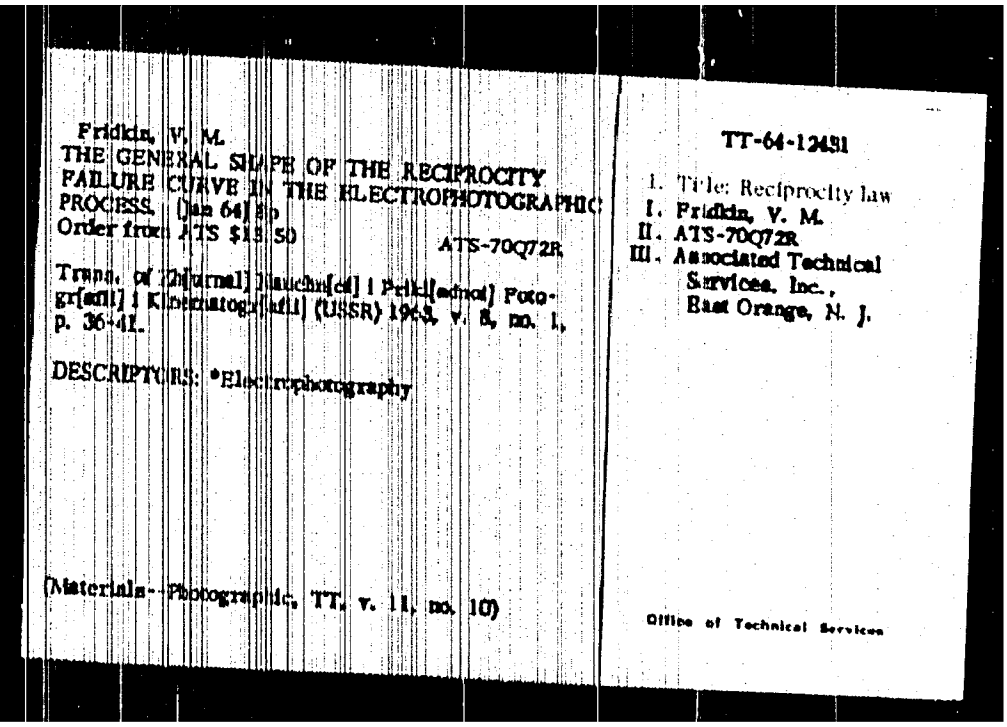

Fridkin, V. M.
THE GENERAL SHAPE OF THE RECIPROCITY FAILURE CURVE IN THE ELECTROPHOTOGRAPHIC PROCESS. [Jan 64] 8p
Order from: ATS $3.50 ATS-70Q72R

Trans. of [Journal] Zhurnal [nauchn[ed] i Prikl[adnoi] Fotogr[afii] i Kinematog[rafii] (USSR) 1963, v. 8, no. 1, p. 36-41.

DESCRIPTORS: *Electrophotography

(Materials--Photographic, TT, v. 11, no. 10)

TT-64-12491

1. Title: Reciprocity law
I. Fridkin, V. M.
II. ATS-70Q72R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

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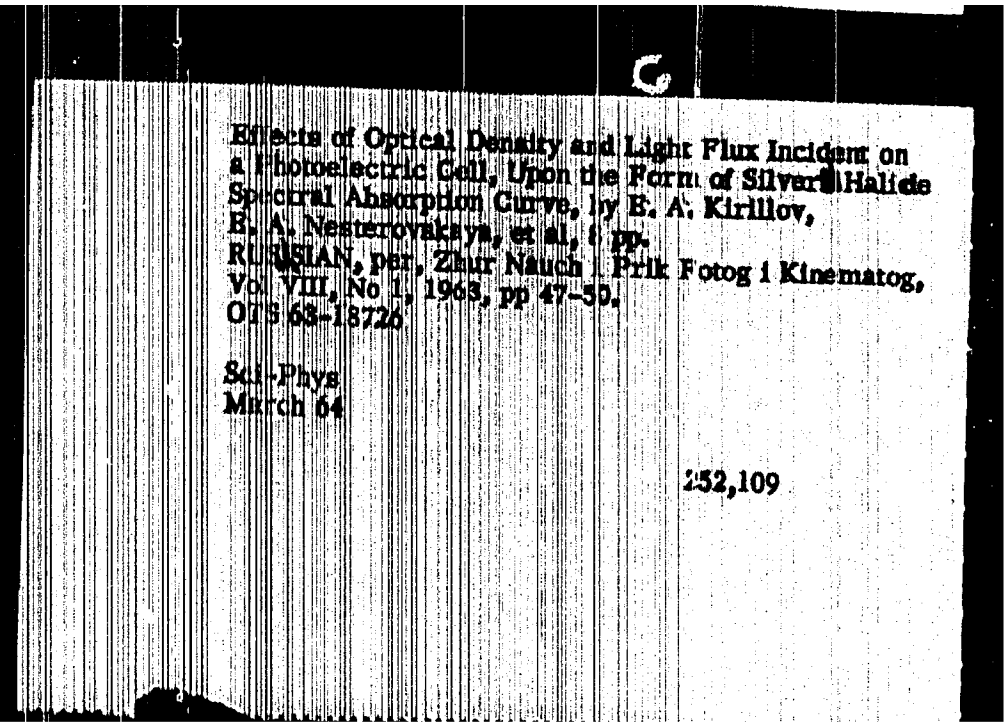

Effects of Optical Density and Light Flux Incident on a Photoelectric Cell, Upon the Form of Silver Halide Spectral Absorption Curve, by B. A. Kirillov, B. A. Nesterovskaya, et al, 6 pp.
RUSSIAN, per, Zhur Nauch i Prik Fotog i Kinematog, Vol. VIII, No 1, 1963, pp 47-50.
OTS 63-18726

Sci-Phys
March 64

252,109

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Validity of the Reciprocity Law in Electrophotographic Layers of Zinc Oxide, by
K. Z. Plavins,
[illegible], per. Zh. Nauch. i Prikl. Fotogr. i Kinematogr., Vol VIII, No 1, 1963, pp 57-58.
NTS 11-4645

Sci-Tech & Equipment
Apr 63

321,513

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Comparing the Chemical and Physical Developments, by Th. L. Braun, K. V. Chibisov, 6 pp.

RUSSIAN, per, Zhur Nauch Prik Foto Kino, Vol VIII, No 1, 1963, pp 50-61.

CIA/FDD XX-1455
No Foregin Dissem

Sci - Physics
Oct 63
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Dependence of Photometric Gamma Equivalent
Upon the Nature of Radiant Energy
Incident on Photometric Emulsion and Upon
Exposure Conditions, by K. V. Vendrovskiy,
et al.

USSR/AN, pos, Zhur Nauch Prik Fotografii
Kinematografii, Vol VIII, No 1, 1963,
pp 57-59.

BLL Ref: 58.8.4 1963 (10,413) (Loan)

Sci + Phys
Feb 64

248, 572

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Kheinman, A. S., Natanson, S. V., and Donatova, V. P.
DESENSITIZING EFFECT OF SUPER-OPTIMUM DYE CONCENTRATIONS. [1963] 5p. 12 refs.
Order from OTS, U.S.A., or ETC $1.10 TT-63-18785

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR) 1963, v. 8, no. 1, p. 69-70.

DESCRIPTORS: *Photographic emulsions, *Photosensitivity, *Dyes, Colors, Surface properties, Adsorption, Photographic films, *Thiocyanines.

An investigation was made of effect of a thiacarbocyanine dye on light sensitivity (surface) and light sensitivity (internal), by using the method of differentiation of light sensitivity (surface) and light sensitivity (internal). Results showed that light sensitivity (surface) and light sensitivity (internal) decreased by the same amount (Materials--Photographic, TT, v. 11, no. 1) (over)

TT-63-18785

I. Kheinman, A. S.
II. Natanson, S. V.
III. Donatova, V. P.

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Standardization of the Method of General Sensitometric Testing of Multilayer Color Materials, by G. S. Baranov, E. D. Kitaenkenbogen, 12 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine, Vol VIII, No 1, 1963, pp 71-74.

CIA/FTD XX-1467
No Foreign Dissem

CIA(CAN)RefSer8.4 1963(0,49)
OTS 63-18778 243,181

Sci - Physics
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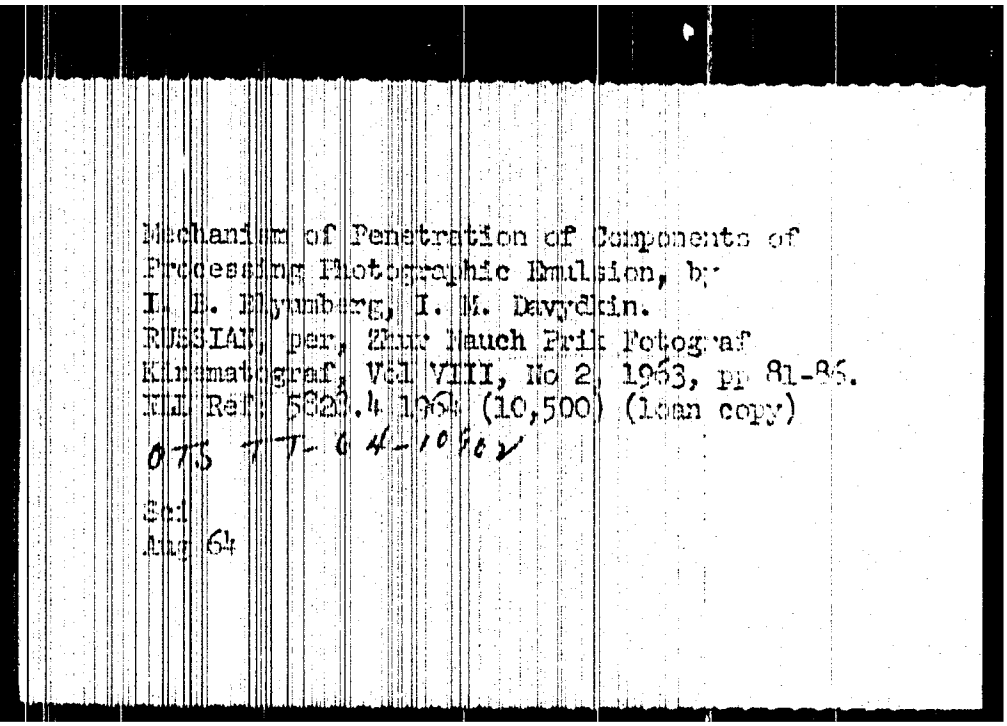

Mechanism of Penetration of Components of
Processing Photographic Emulsion, by:
I. B. Blyumberg, I. M. Davydkin.
RUSSIAN, per, Zhur Nauch Prik Fotograf
Kinematograf, Vol VIII, No 2, 1963, pp 81-86.
NIL Ref: 5823.4 1963 (10,500) (loan copy)
075 TT-64-10602

Sep
Aug 64

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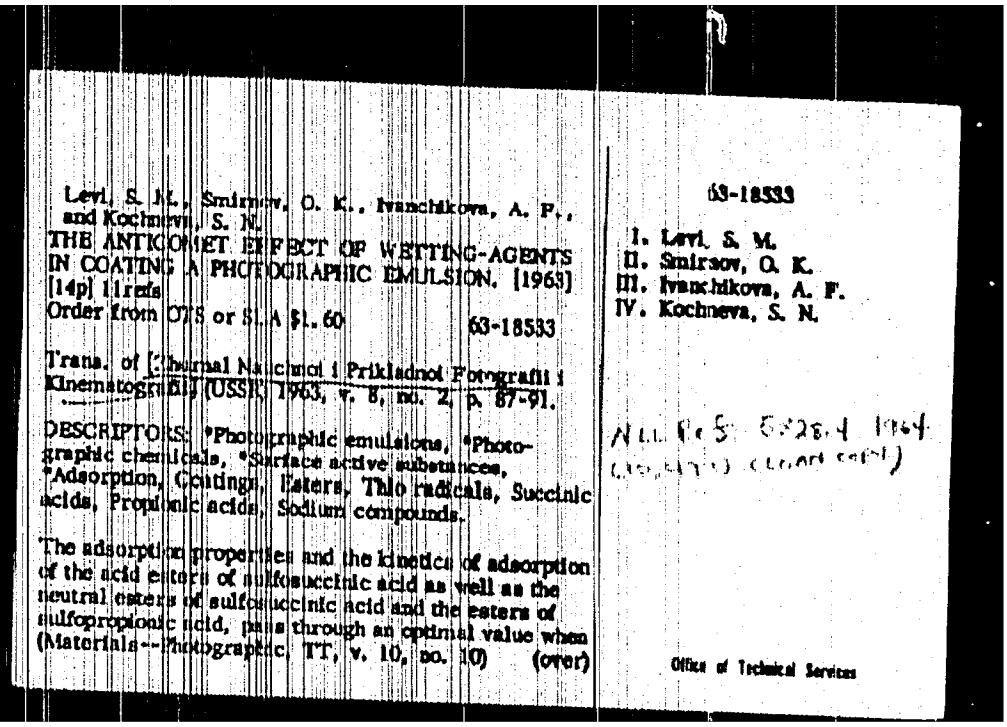

Levi, S. M., Smirnov, O. K., Ivanchikova, A. F., and Kochneva, S. N.
THE ANTICOMET EFFECT OF WETTING-AGENTS IN COATING A PHOTOGRAPHIC EMULSION. [1963]
[14p] 11refs
Order from OTS or S.L.A $1.60 63-18533

Trans. of [Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR), 1963, v. 8, no. 2, p. 87-91.

DESCRIPTORS: *Photographic emulsions, *Photographic chemicals, *Surface active substances, *Adsorption, Coating, Esters, Thio radicals, Succinic acids, Propionic acids, Sodium compounds.

The adsorption properties and the kinetics of adsorption of the acid esters of sulfosuccinic acid as well as the neutral esters of sulfosuccinic acid and the esters of sulfopropionic acid, pass through an optimal value when (Materials--Photographic, TT, v. 10, no. 10) (over)

63-18533

I. Levi, S. M.
II. Smirnov, O. K.
III. Ivanchikova, A. F.
IV. Kochneva, S. N.

N.L. Pic S: 5328.4 1964
(Microfilm) (Library copy)

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Integral Stereo Motion Picture Exposure and Projection, by S. P. Ivanov, L. A. Akimakina.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematograf, Vol VIII, No 2, 1963, pp 92-897.

NLL Ref: 5828.4 1964 (10,510) (loan)

CIA/FDD XX-1551

May 64

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The Role of Potassium Iodide in the Formation of Photographic Emulsions I. Ammonia-Free Silver Iodobromide Emulsions, by K. S. Lyalikov, K. V. Kuz'[illegible], 6 pp.

RUSSIAN, pp. Zhur Nauch i Prikl Fote i Kinematog., Vol VIII, No 2, 1963, pp 101-105.

CIA/FDD XX-1451
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[illegible]

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The Nature of the Edge Effect in Electrophotography,
by . V. Antilov, 7 pp.
RUSSIAN, per. Zhur Nauch EPrik Foto Kine, Vol VIII,
No 2, 1963, pp 105-109.

CIA/FDD XX-1509
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Sci - Phys
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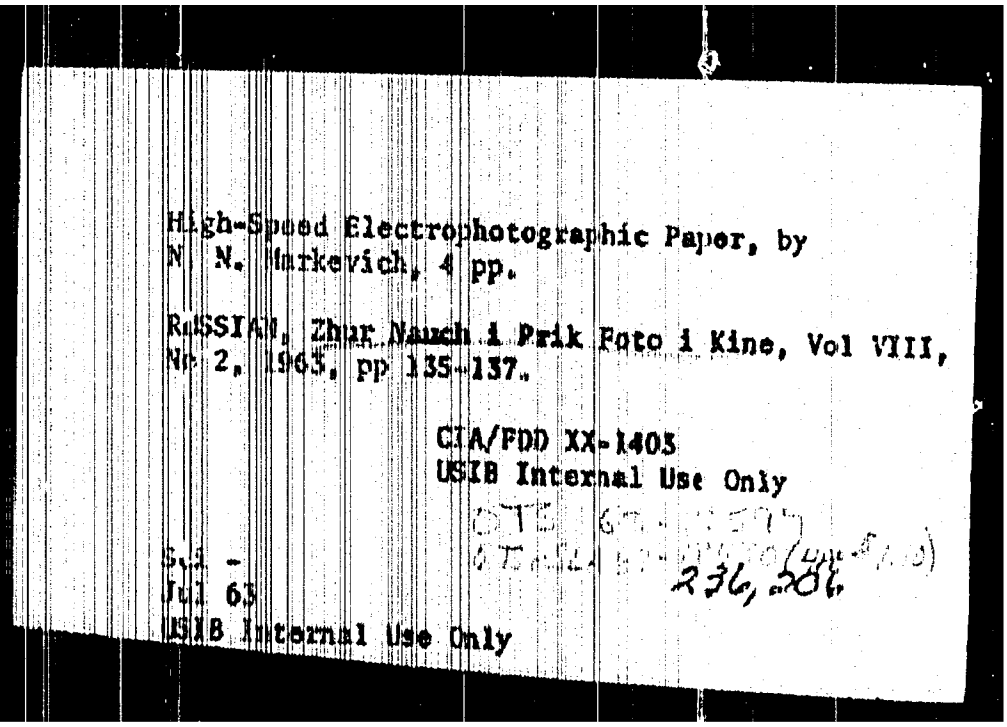

High-Speed Electrophotographic Paper, by
N. N. Markevich, 4 pp.

RUSSIAN, Zhur Nauch i Prik Foto i Kine, Vol VIII,
No 2, 1963, pp 135-137.

CIA/FDD XX-1405
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236,286

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Effect of Potassium Thiocyanate on the Formation of Various J States in a Meso-Ethylthiacarbocyanine Ethylate Adsorption Layer, by M. K. Grechko, 5 pp.

RUSSIAN, Zhur Nauch i Prik Foto i Kine, Vol VIII, No 2, 1963, pp 137-139.

CIA/FDD XX-1404
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675 63-18529

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Periodicity in the Kinetics of the Development Process, by L. Zh. Broun.

RUSSIAN, per, Zhur Nnuch i Prik Fotograf i Kinematograf, Vol VIII, No 2, 1963, pp 140-142.

NLL Ref: 5828.4 1964 (10,506) (loan)

May 64

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Some Properties of Silver Halide Photographic Emulsions With Laminated Grains. I, by Yu. M. Prokhorskiy, 5 pp.
RUSSIAN, per. Zhur Nauch i Prik Foto i Kine, Vol VIII, No 2, 1963, pp 142-144.

CIA/FDD XX-1105
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NLK Rec'd: 8 Jul 64 (15,526)
(1 FM copy)

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Oscillo-Polarographic Characteristics of Color Developing Agents, by G. P. Sennikov, 5 pp.
RUSSIAN, per, Zhur Nauch i Prik Fot i Kine, Vol VIII, No 2, 1963, pp 144-146.

CIA/FDD XX-1504
NO FOREIGN DISSEM

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NIC-Pub. 5848.4 1963 (10,520) (Rev.)

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Adaption of the Coating Theory to Shakirov Hopper,
by S. M. Levi, G. N. Tsvetkov.
RUSSIAN, per, Zhur Nauch Prik Fotograf
Kinematograf, Vol VIII, No 2, 1963,
pp 148-149.
NLL Ref: 5828.4 1964 (10,527) (loan copy)

Sci
Aug 64

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

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Oscillographic Polarography of Some Developing Agents, by V. M. Gorokhovskiy, N. M. Kuzovenko.

RUSSIAN, per, Zhur Nauch i Prak Fotograf i Kinematograf, Vol VIII, No 2, 1963, pp 149-151.

NIL Ref: 5828.4 1964 (10,517) (loan)

May 64

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Development of Type-R Nuclear Emulsions in Electrodialyzer, by D. M. Samoilovich, V. G. Tarasenkov.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematograf, Vol VIII, No 2, 1963, pp 151-152.

NLL Ref: 5828.4 1964 (10,518) (Joan)

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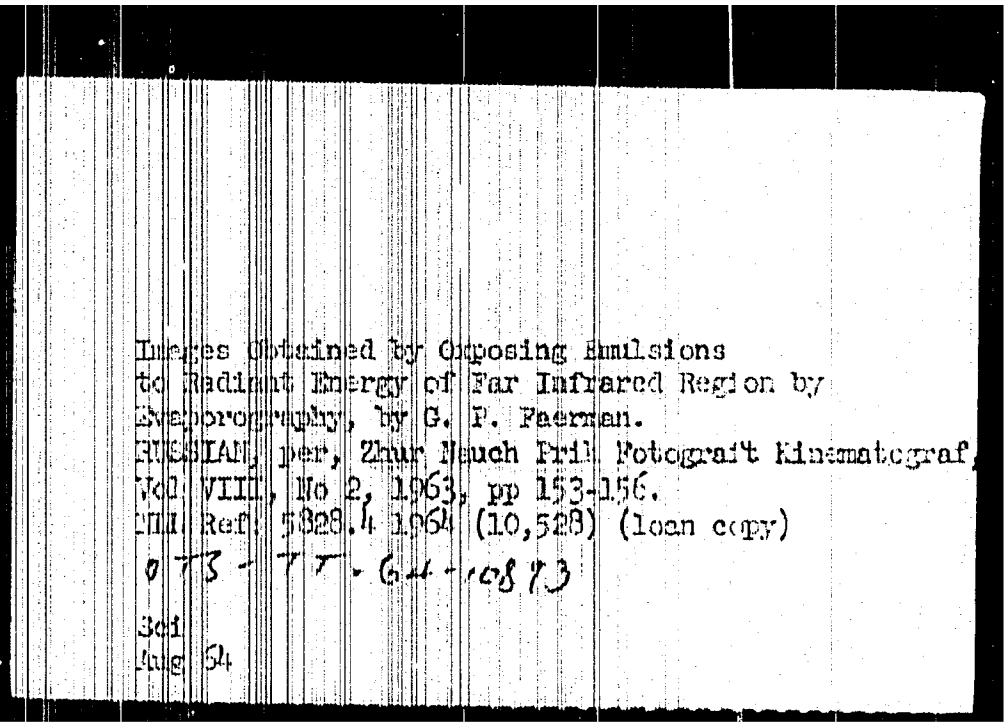

Images Obtained by Opposing Emulsions
to Radiant Energy of Far Infrared Region by
Xerography, by G. P. Faerman.
RUSSIAN, per, Zhur Nauch Prik Fotograf Kinematograf,
Vol VIII, No 2, 1963, pp 153-156.
DDC Ref: 5828.4 1964 (10,528) (loan copy)
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Aug 64

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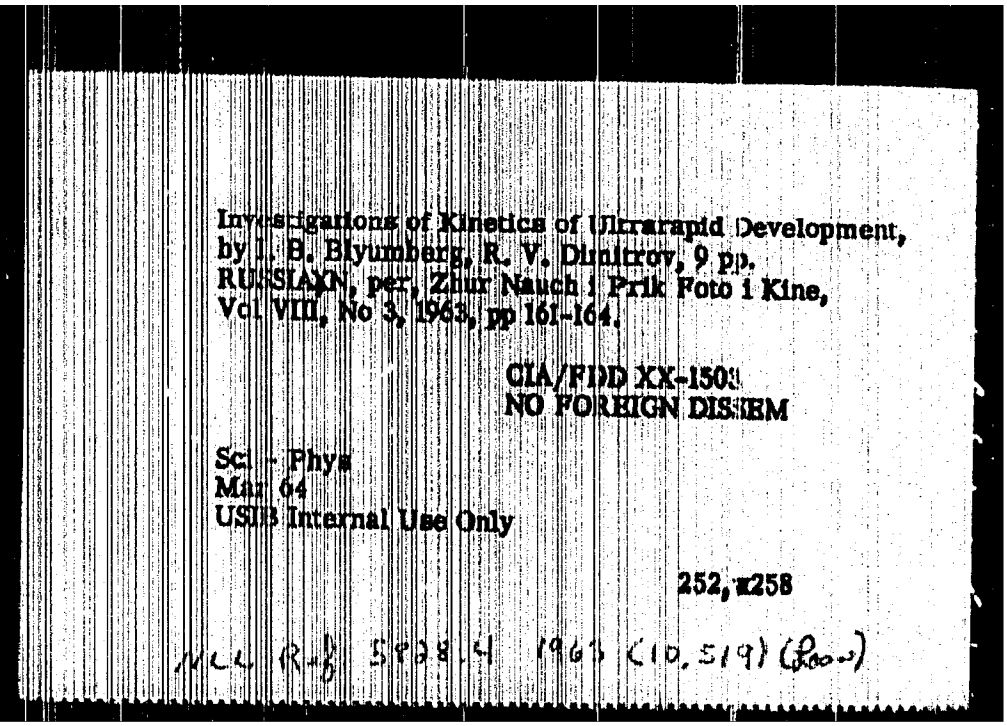

Investigations of Kinetics of Ultrarapid Development,
by I. B. Blyumberg, R. V. Dimitrov, 9 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol VIII, No 3, 1963, pp 161-164.

CIA/FDD XX-1503
NO FOREIGN DISSEM

Sci - Phys
Mar 64
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WLC R-1 5988.4 1963 (10.519) (Roo-)

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Some Surface-Active Derivatives of Iso-Hexadecenyl Succinic Acids, by O. K. Smirnov.

RUSSIAN, per, Zhur Nauch i Prok Fotografi i Kinematog, Vol VIII, No 3, 1963, pp 165-166.

NIL Ref: 5828.4 1963 (10,515) (loan)

May 64

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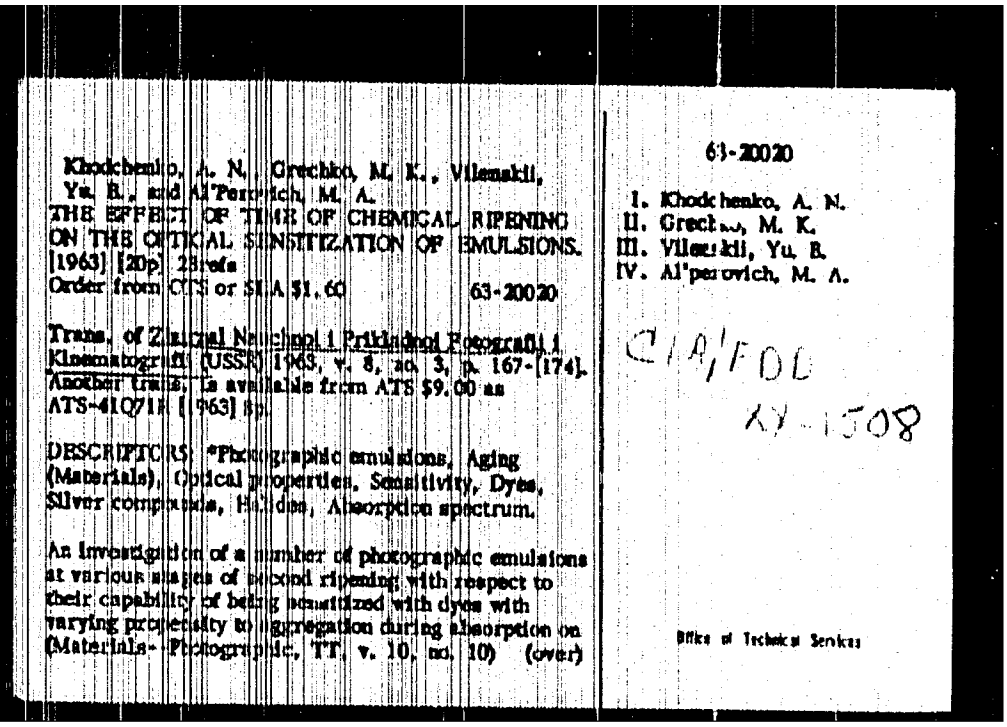

Khodchenko, A. N., Grechko, M. K., Vilenskii, Yu. B., and Al'perovich, M. A.
THE EFFECT OF TIME OF CHEMICAL RIPENING ON THE OPTICAL SENSITIZATION OF EMULSIONS. [1963] [20p] 28 refs
Order from CFSTI or SLA $1.60 63-20020

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR) 1963, v. 8, no. 3, p. 167-[174].
Another trans. is available from ATS $9.00 as ATS-41Q71R [1963] 15p.

DESCRIPTORS: *Photographic emulsions, Aging (Materials), Optical properties, Sensitivity, Dyes, Silver compounds, Halides, Absorption spectrum.

An investigation of a number of photographic emulsions at various stages of second ripening with respect to their capability of being sensitized with dyes with varying propensity to aggregation during absorption on (Materials--Photographic, TT, v. 10, no. 10) (over)

63-20020

I. Khodchenko, A. N.
II. Grechko, M. K.
III. Vilenskii, Yu. B.
IV. Al'perovich, M. A.

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Investigation of the Structure of Silver Bromide Grains, by I. Ya. Kruush, L. P. Lysenko, 28 pp.

RUSSIAN, par, Zhur Nauch i Prik Foto i Kine, Vol VIII, No 3, 1963, pp 174-184.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Effect of Conditions of Development on the Spectral Sensitivity Curve of Non-Sensitized Photographic Emulsion, by N. R. Dolgopolova, RUSSIAN, per, Zhur Nauch Prik Fotograf Kinematograf, Vol VIII, No 3, 1963, pp 185-189.
WL Ref: 5825.4 1964 (10,533) (loan copy)

OTS: TT-64-14589

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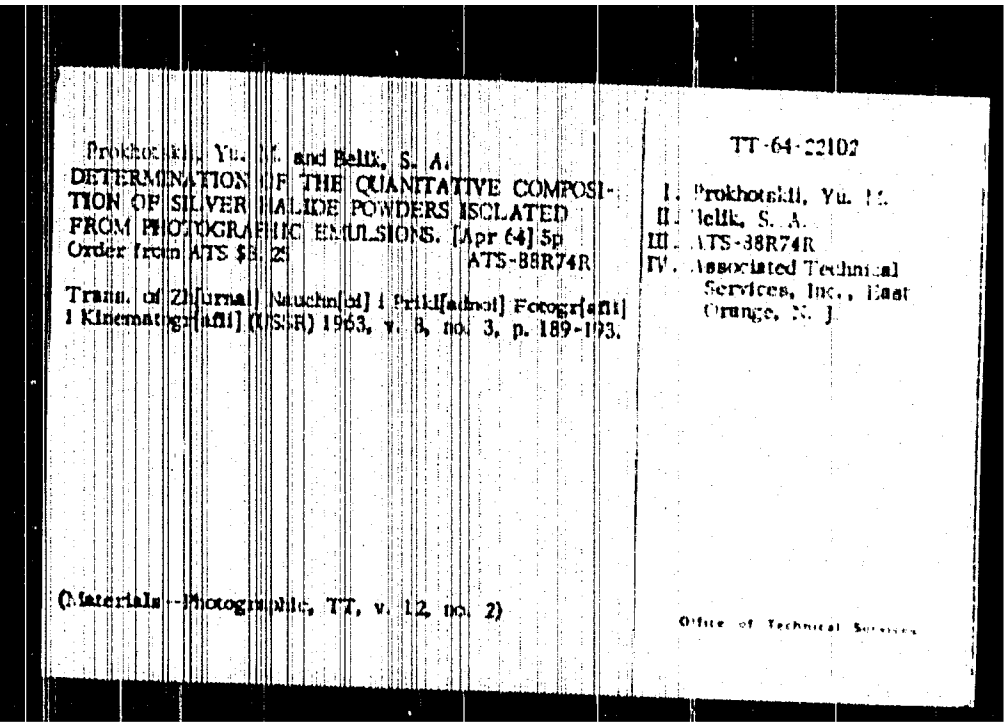

Prokhotskii, Yu. M. and Belik, S. A.
DETERMINATION OF THE QUANTITATIVE COMPOSITION OF SILVER HALIDE POWDERS ISOLATED FROM PHOTOGRAPHIC EMULSIONS. [Apr 64] 5p
Order from ATS $3.25 ATS-88R74R

Trans. of Zh[urnal] Nauchn[oi] i Prikl[adnoi] Fotogr[afii] i Kinematogr[afii] (USSR) 1963, v. 8, no. 3, p. 189-193.

(Materials--Photographic, TT, v. 12, no. 2)

TT-64-22102

I. Prokhotskii, Yu. M.
II. Belik, S. A.
III. ATS-88R74R
IV. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Effect of the Form of the Cross-Section of Light Beam and of the Light Distribution on the Accuracy of Measurements with a Continuous Optical Wedge, by S. A. Anisimov, 13pp.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii, Vol 8, No 3, 1963, pp 193-199.
CFSTI TT-64-20085.

Sci - Physics
Apr 67

322,683

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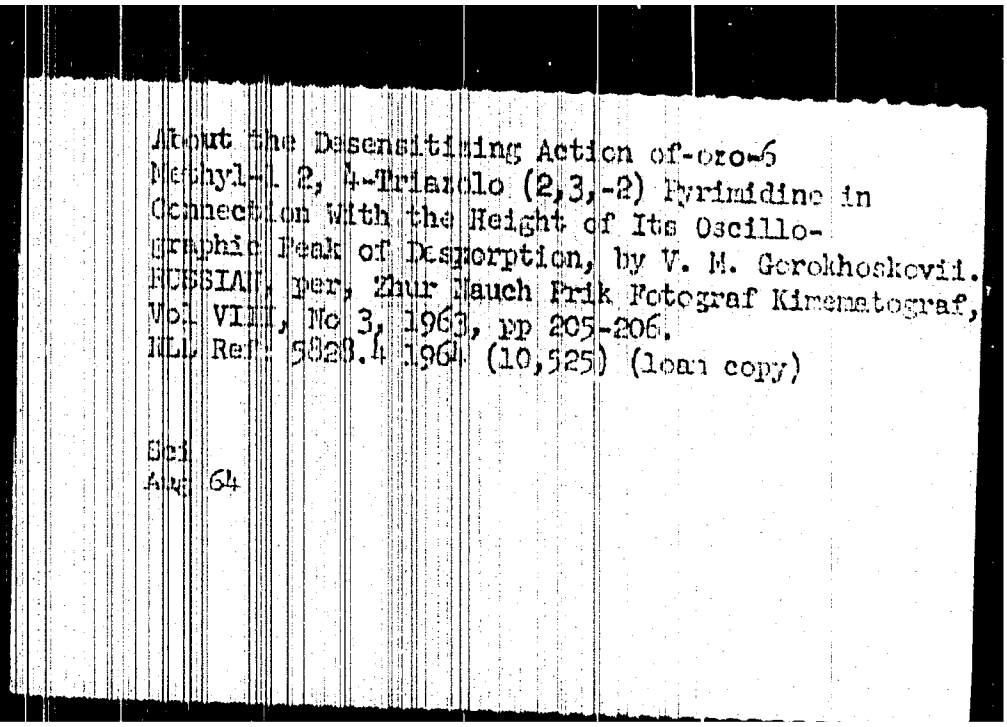

About the Desensitizing Action of-oxo-6
Methyl-1, 2, 4-Triazolo (2,3,-2) Pyrimidine in
Connection With the Height of Its Oscillo-
graphic Peak of Desorption, by V. M. Gorokhovskovii.
RUSSIAN, per, Zhur Nauch Prik Fotograf Kinematograf,
Vol VIII, No 3, 1963, pp 205-206.
MLL Ref: 5823.4 196 (10,525) (loan copy)

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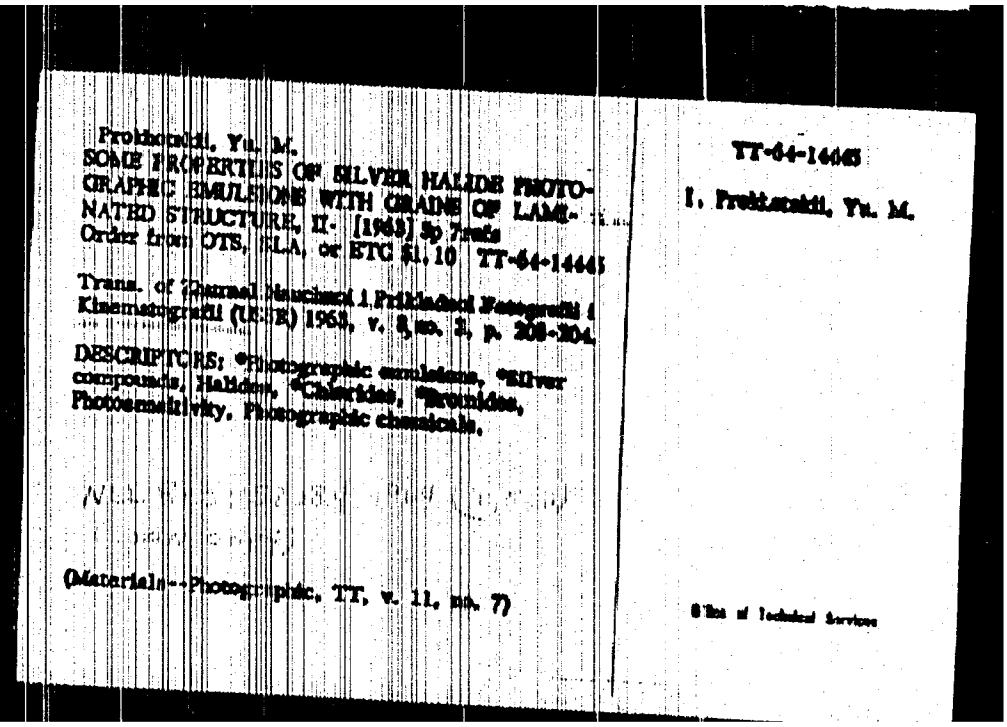

Prokhorskii, Yu. M.
SOME PROPERTIES OF SILVER HALIDE PHOTOGRAPHIC EMULSIONS WITH GRAINS OF LAMINATED STRUCTURE, II. [1963] 30 7mls
Order from: OTS, HLA, or ETC $1.10 TT-64-14445

TT-64-14445

I. Prokhorskii, Yu. M.

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR) 1963, v. 8, no. 2, p. 208-214.

DESCRIPTORS: *Photographic emulsions, *Silver compounds, Halides, *Chlorides, *Bromides, Photosensitivity, Photographic chemicals.

(Materials--Photographic, TT, v. 11, no. 7)

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Compensating Developers in the Form of Dry Powders, by N. V. Polyakova.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematograf, Vol VIII, No 3, 1963, pp 206-209.

NIL Ref: 5828.4 1964 (10,511) (loan)

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A Study of Drying Emulsions in Vacuum by Heat Radiation, by N. N. Somov.

RUSSIAN, per. Zhur Nauch i Prik Fotograf i Kinematograf, Vol VIII, No 3, 1963, pp 209-210.

NLL Ref: 5828.4 1964 (10,507) (loan)

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Sensitization Effect of Some Polyethylene Glycols, by A. V. Borin.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematograf, Vol VIII, No 3, 1965, pp 211-212.

NLL Ref: 5828.4 1964 (10,503) (loan)

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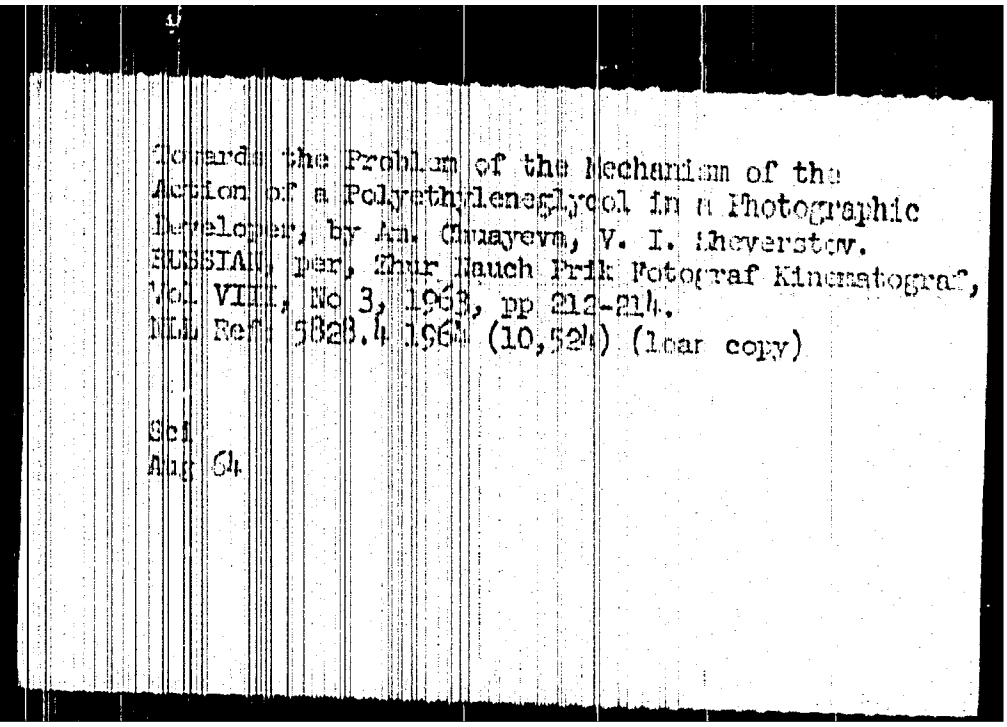

Toward the Problem of the Mechanism of the Action of a Polyethyleneglycol in a Photographic Developer, by An. Chmayevm, V. I. Sheverstov.
RUSSIAN, Per, Zhur Nauch Prik Fotograf Kinematograf, Vol. VIII, No 3, 1963, pp 212-214.
MLB Ref: 5B2B.4 1963 (10,524) (Near copy)

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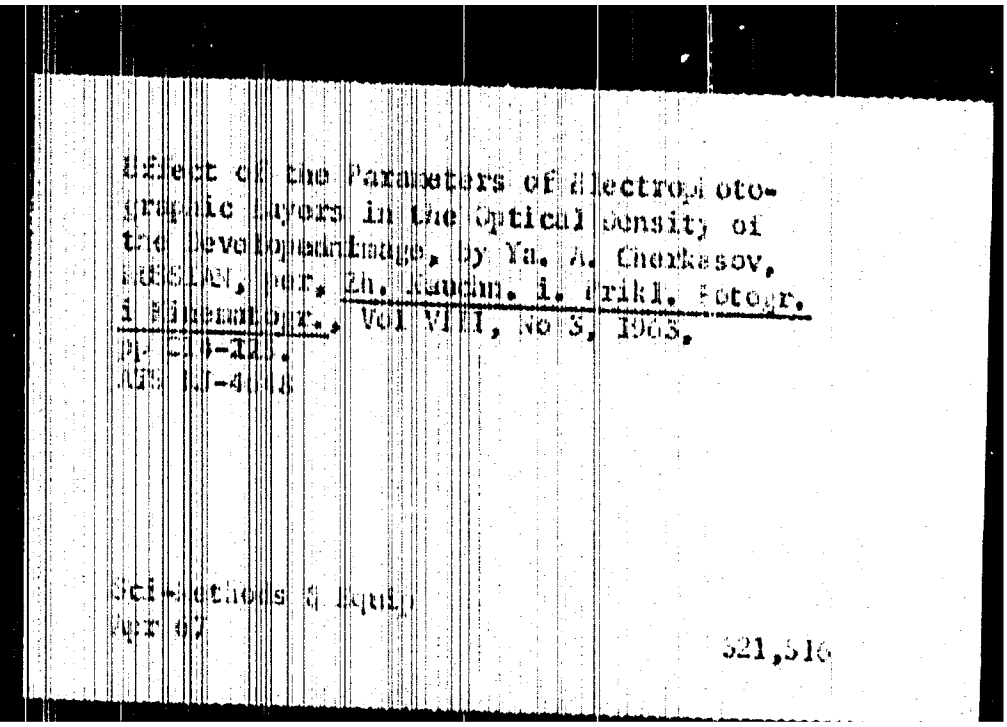

Effect of the Parameters of electrophotographic Layers in the Optical Density of the Developed Image, by Ya. A. Cherkasov, [illegible], Zh. Nauchn. i. Prikl. Fotogr. i Kinematogr., Vol VIII, No 3, 1963, pp 214-220.
[illegible]

Sci-Methods & Equip
Apr 67

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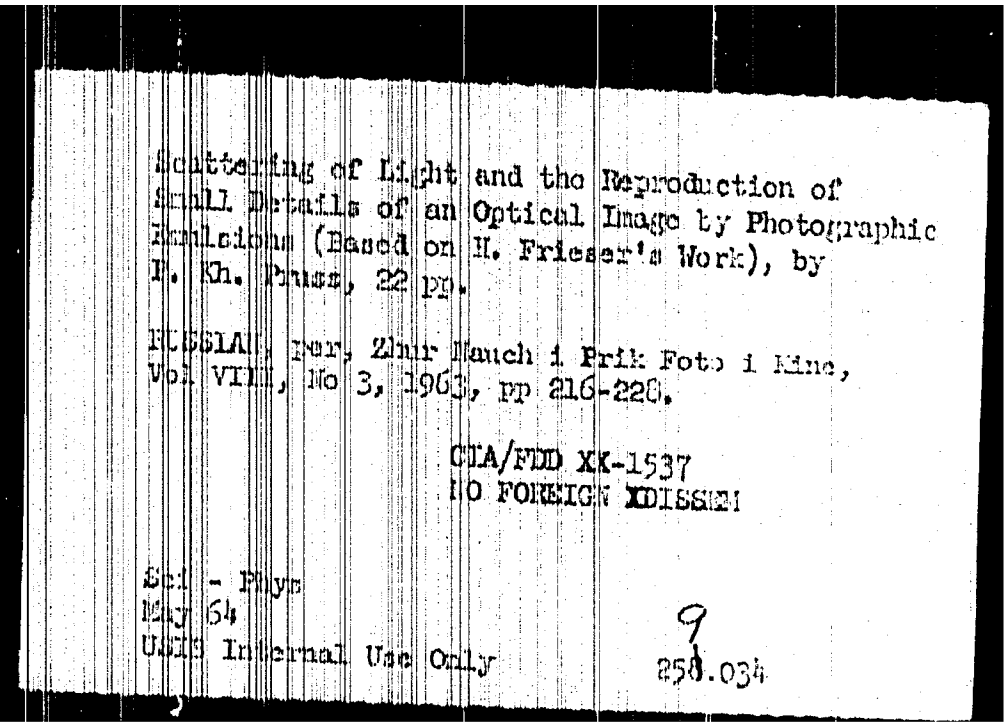

Scattering of Light and the Reproduction of Small Details of an Optical Image by Photographic Emulsions (Based on H. Friesser's Work), by I. Kh. Phuss, 22 pp.

PUSSLAI, Per, Zhur Nauch i Prik Foto i Kine, Vol VIII, No 3, 1963, pp 216-228.

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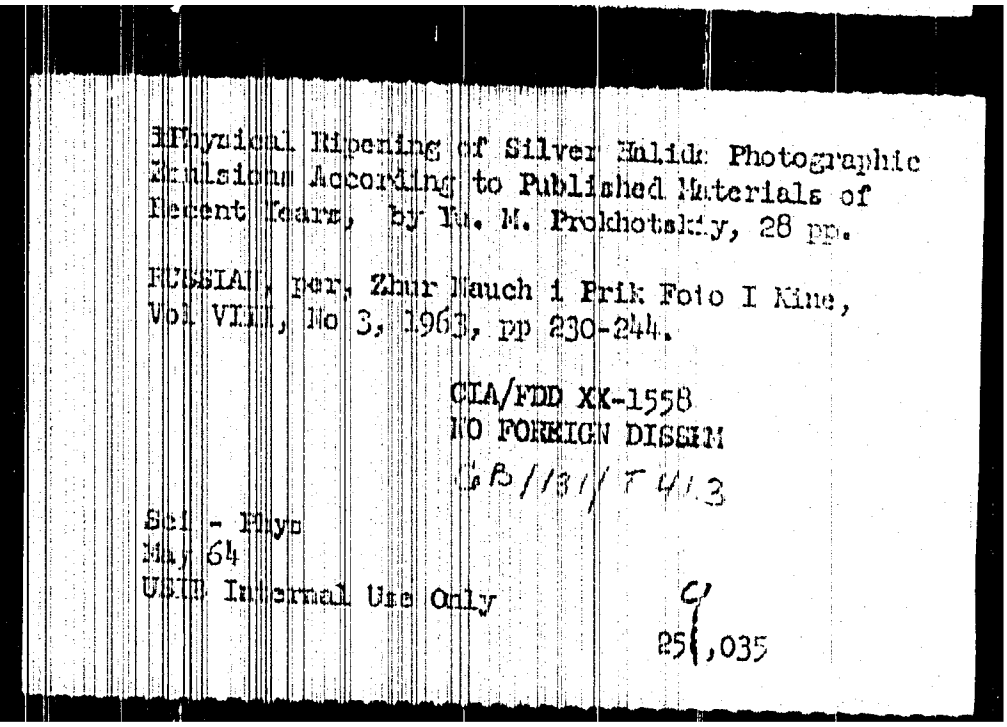

Physical Ripening of Silver Halide Photographic Emulsions According to Published Materials of Recent Years, by M. M. Prokhotskiy, 28 pp.

RUSSIAN, Per, Zhur Nauch i Prik Foto I Kine, Vol VIII, No 3, 1963, pp 230-244.

CIA/FDD XX-1558
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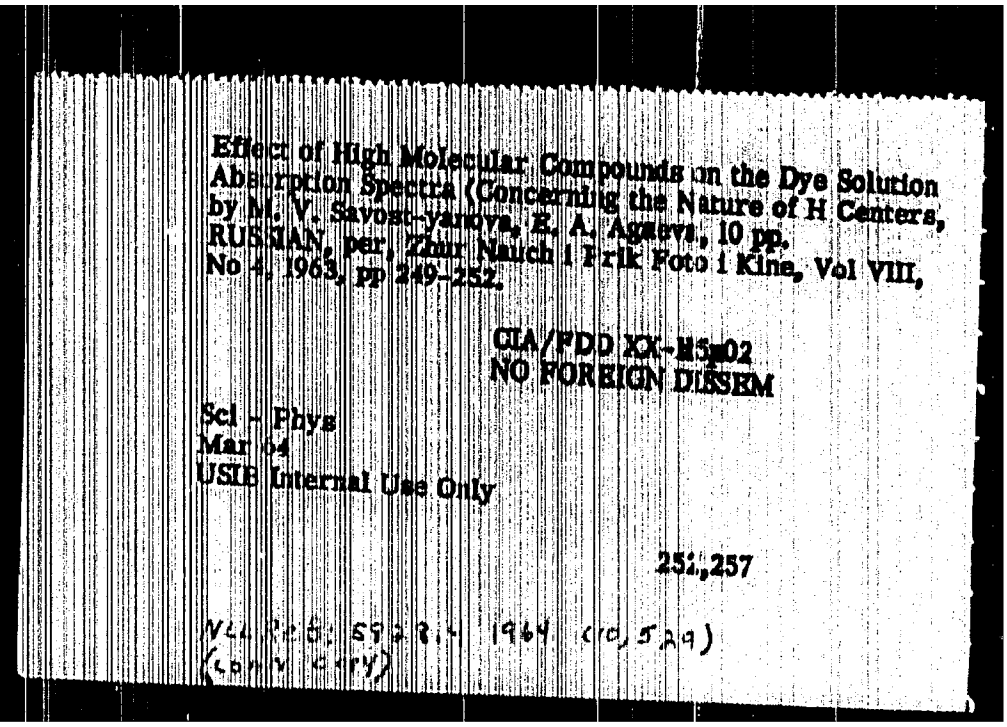

Effect of High Molecular Compounds on the Dye Solution Absorption Spectra (Concerning the Nature of H Centers), by M. V. Savost-yanova, E. A. Agatova, 10 pp, RUSSIAN, per Zhur Nauch i Prik Foto i Kine, Vol VIII, No 4, 1963, pp 249-252.

CIA/FDD XX-[illegible]02
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[illegible] 1964 (10, 529)
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Stabilization Mechanism of Benzothiazolotetrazole Derivatives in Photographic Emulsions, by B. M. Ivanov, Yu. B. Vilenskiy.

RUSSIAN, per. Zhur Nauch i Prik Fotograf i Kinematograf, Vol VIII, No 4, 1963, pp 253-261.

NLL Ref: 5828.441964 (10,516) (loan)

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Mechanism of Sensitization of Nuclear Emulsions With Some Dyes, by A. L. Kartuzhanskiy, L. I. Shur.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematograf, Vol VIII, No 4, 1963, pp 281-287.

NIL Ref: S828.4 1964 (10,514) (loan)

CIA/FDD XX-1552

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Problem of Increasing the Adhesion of an Electrophotographic Selenium Layer to the Base, by S.A. Tauraitene.
RUSSIAN, per, Zh Nauch Prikl Fotogr Kinematogr, Vol 8, No 4, 1963, pp 266-267 - 270
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High-Speed Color Photography of Rapid Luminescent Processes, by V. V. Garnov, V. V. Shauro, 14 pp. RUSSIAN, per. Zhur Nauch i Prik Fio i Kine, Vol VIII, No 4, 1963, pp 270-275.

CIA/FDD XX-14501
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Filtration of Spatial Frequencies for Changing the Properties of Photographs, by A. P. Avtcheulov, K. A. Stozharova, 19 pp.

AF57, TT-64-32054

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine, Vol VIII, No 4, 1963, pp 293-302.

CIA/FDD XX-1543
NO FOREIGN DISSEM

Sci - Phys
May 64
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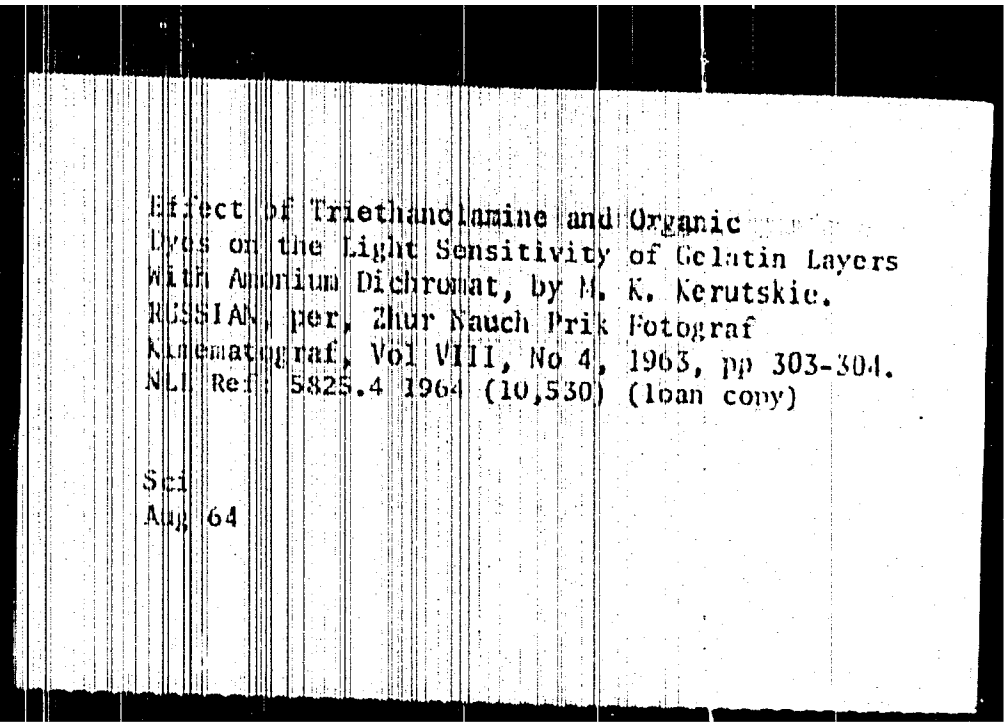

Effect of Triethanolamine and Organic Dyes on the Light Sensitivity of Gelatin Layers With Ammium Dichromat, by M. K. Kerutskie. RUSSIAN, per. Zhur Nauch Prik Fotograf Kinematograf, Vol VIII, No 4, 1963, pp 303-304. NLL Ref: 5825.4 1964 (10,530) (loan copy)

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Styrene-Maleic Anhydride Copolymer Derviations as Yellow Polymer Couplers, by G. N. Lapshin.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematograf, Vol VIII, No 4, 1963, pp 304-305.

NLL Ref: 5828.4 1963 (10,509) (loan)

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Correlation of Surface and Internal Latent Images Determined by Physical Development, by Ya. N. Veprik.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematograf, Vol VIII, No 4, pp 309-310.

1963

NLL Ref: 5826.4 1964 (10,513) (loan)

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Thermal Relationship of the Sensitivity of Photographic Emulsions to Electrons, by A. S. Bogomolov, L. A. Fomina.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematograf, Vol VIII, No 4, 1963, pp 311-312.

NLL Ref: 5328.4 1964 (10,512) (loan)

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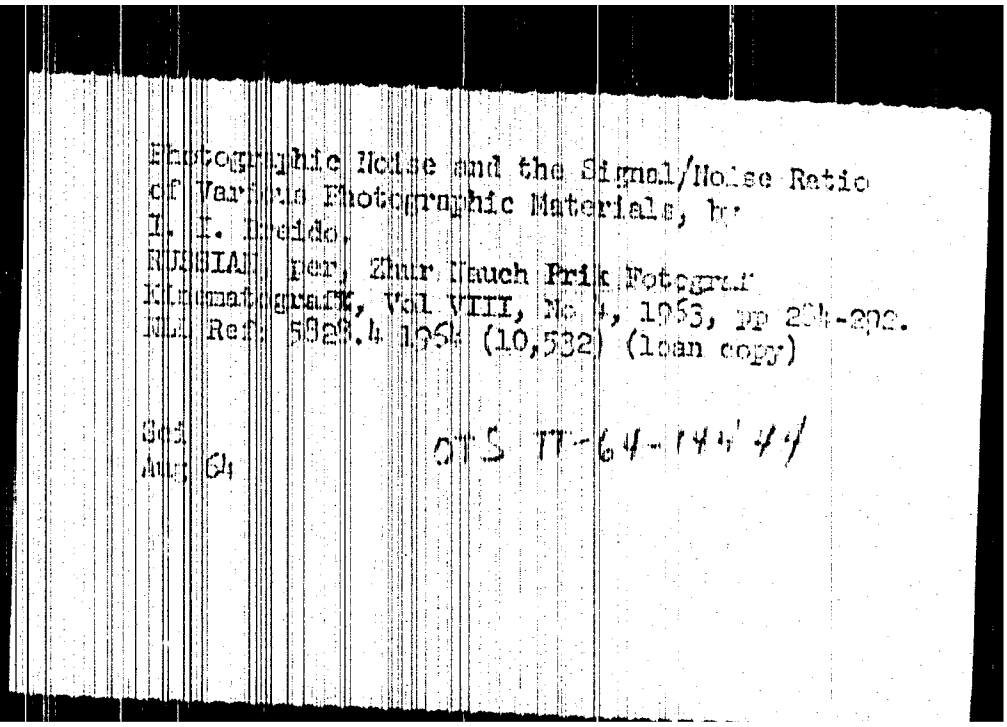

Photographic Noise and the Signal/Noise Ratio
of Various Photographic Materials, by
I. I. Levitov.
RUSSIAN Per, Zhur Nauch Prik Fotogr i
Kinematografii, Vol VIII, No 4, 1963, pp 294-298.
NRL Ref: 5029.4 1964 (10,532) (loan copy)

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660062-4

Effect of the Parameters of Electrophotographic Layers on the Optical Density of the Developed Image, by Yu. A Cherkasov.
RUSSIAN, per. Zh. nauch. prikl. Fotogr. Kinem
Vol. 8, No. 3, 1963, pp 314-315
GB 131/T 391

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Smirnov, O. K., Levi, S. M., Averbakh, K. O., and Kochneva, S. N.
THE ANTI-COMET EFFECT OF WETTING-AGENTS IN COATING PHOTOGRAPHIC EMULSIONS. VI. THE ANTI-COMET ACTIVITY OF ESTERS OF -SULFO-PROPIONIC ACID AND THEIR EFFECT ON KINETIC WETTING. [1964] [19p] 28 refs
Order from OTS, SLA, or ETC $1.60 TT-64-10410

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR) 1963, v. 8, no. 5, p. 321-326.

(Materials--Photographic, TT, v. 12, no. 2)

TT-64-10410

I. Smirnov, O. K.
II. Levi, S. M.
III. Averbakh, K. O.
IV. Kochneva, S. N.
V. Title: Anti-Comet...

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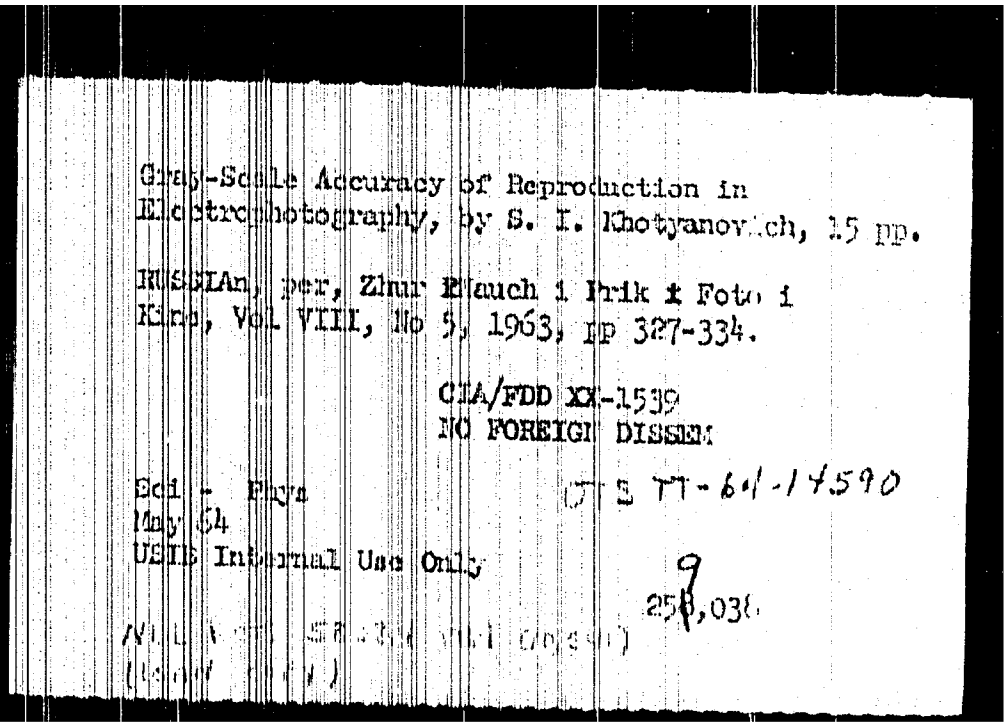

Gray-Scale Accuracy of Reproduction in Electrophotography, by S. I. Khotyanovich, 15 pp.

RUSSIAN, per, Zhur Nauch i Prik i Foto i Kino, Vol VIII, No 5, 1963, pp 327-334.

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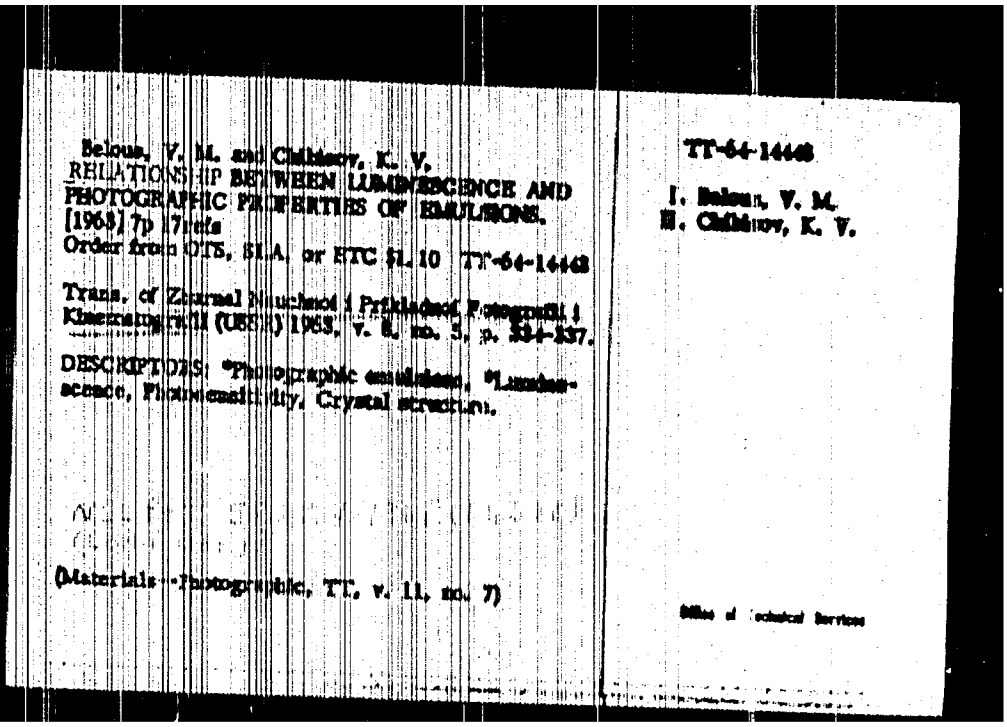

Belous, V. M. and Chibisov, K. V.
RELATIONSHIP BETWEEN LUMINESCENCE AND PHOTOGRAPHIC PROPERTIES OF EMULSIONS.
[1963] 7p 17refs
Order from OTS, $1.A. or STC $1.10 TT-64-14468

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR) 1963, v. 8, no. 3, p. 234-237.

DESCRIPTORS: *Photographic emulsions, *Luminescence, Photosensitivity, Crystal structure.

(Materials--Photographic, TT, v. 11, no. 7)

TT-64-14468

I. Belous, V. M.
II. Chibisov, K. V.

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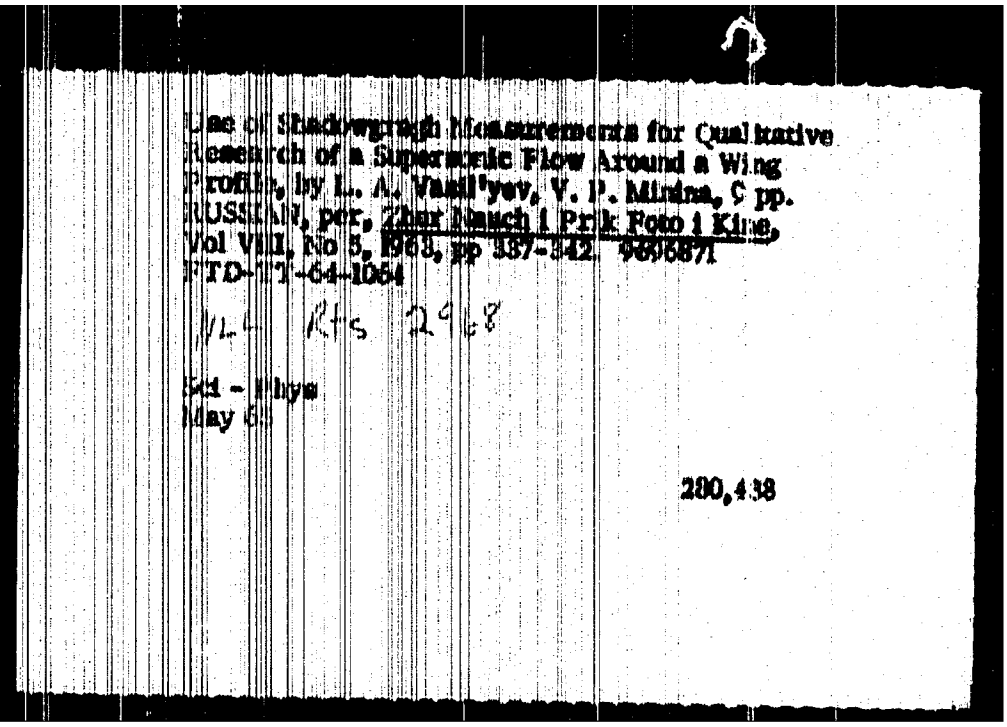

Use of Shadowgraph Measurements for Qualitative
Research of a Supersonic Flow Around a Wing
Profile, by L. A. Vasil'yev, V. P. Minina, 9 pp.
RUSSIAN, per. Zhur Nauch i Prik Foto i Kine,
Vol VIII, No 5, 1963, pp 337-342. 9695871
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Light Absorbed in Silver and Gold Solutions,
by E. P. Kramalei, 14 pp.

RUSSIAN, Zh, Zhur Nauch i Prik Foto i Kine,
Vol VIII, No 5, 1963, pp 342-348.

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